SAN FRANCISCO

MUNICIPAL REPORTS

FOR THE

FISCAL YEAR 1913-14, ENDED JUNE 30, 1914

PUBLISHED BY ORDER OF THE

BOARD OF SUPERVISORS

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1916

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TABLE OF CONTENTS

	Page
ASSESSOR'S REPORT	579
AUDITOR'S REPORT	1–271
AUDITOR'S LETTER RELATING TO FINANCIAL STATEMENT	1–2–3
AUDITORS OF THE CITY AND COUNTY FROM 1850 TO PRESENT TIME	4
AUDITOR'S ESTIMATE OF EXPENDITURES	203–236
COMMISSIONERS—CITY AND COUNTY	5
COMPARATIVE STATEMENT OF DISBURSEMENTS	6–10
COMPARATIVE STATEMENT OF RECEIPTS	165–166
ANNUAL FINANCIAL STATEMENT TO CONTROLLER AND GENERAL STATISTICS	10–29
RECONCILIATION OF ALL FUNDS DURING YEAR	(Insert) after Page 29
EXPENDITURES, GENERAL GOVERNMENT	
Assessor	30
Auditor	30–31
Assessment Roll	31
Civil Service Commissioners	31
Board of Supervisors	32–33
Board of Censors	33
Coroner	33–4
Department of Elections	34–35
Mayor	35–36
Tax Collector	36
Treasurer	37
Board of Public Works (Administrative)	38–39
Building and Repairs	39–40
Public Works Maintenance	40–41
Transportation	41
Lighting Public Buildings	41–42
Water Public Buildings	121
LEGAL DEPARTMENT	
Justices' Court	43
Police Court	43
Superior Court	43–44
County Clerk	44
City Attorney	45
District Attorney	45–46
Grand Jury	46
Insane	46
Interpreters	46
Jurors' Fees, Witnesses Expenses, etc.	47
Law Library	47
Sheriff	47–48–49
Juvenile Court	49

AUDITOR'S REPORT—Continued. PAGE

PROTECTION OF LIFE AND PROPERTY

Building Inspection 50
Department of Electricity 50–52
Fire Department 52–57
Police Department 57–61
Emergency Hospital 61–63
Sealer of Weights and Measures 63
Public Pound 63
Recorder 64
Public Administrator 64

CONSERVATION OF HEALTH

Department of Health (General Office) 65–66
Tubercular Hospital 66–67
Isolation Hospital 67–68
Sanitation and Promotion of Cleanliness 69–72
Cleaning and Repairs to Sewers 70–71
Cleaning and Sweeping Streets 71–72

HIGHWAYS

Repairs to Streets 73–75
Repairs to Streets and Sewers (Special) 75–82
Tunnel Assessments 82–84
Bureau of Engineering—Surveys 84–86
Corporation Yard Equipment 86
Plans Municipal Railway 86–87
Resurveying Homesteads 87
Lighting Streets 88
Bridges 88

CHARITIES AND CORRECTIONS

San Francisco Hospital 89–91
Juvenile Detention Home 91–92
Widows' Pension Bureau 92
Burial of Dead 92
Maintenance of Minors 92–94
Relief Home for Aged 94–98
Criminal Insane 98

EDUCATION

Public Library 99
Department of Schools 100–107

RECREATION

Parks 108–109
Municipal Bands 109–110
Playgrounds 110–112

CELEBRATIONS

Fourth of July and Memorial Day 112

PUBLIC SERVICE ENTERPRISE

Municipal Railways Fund 113–115
Water Works Fund 116
Public Utilities (Hetch Hetchy Water Fund) 120–121

AUDITOR'S REPORT—Continued. PAGE

PUBLIC TRUST FUNDS

Police Pension and Relief ... 117
Firemen's Pension and Relief ... 117
Robinson Bequest Fund ... 117
Windel Bequest Fund ... 117
Relief of Exempt Firemen ... 117

PRIVATE TRUST FUNDS

House Moving ... 118
Police Court Fines ... 118
Police Court Bail Money ... 118
Special Badges ... 118
Special Permit ... 118
Violating Ordinances ... 118
Tearing Up Streets ... 119

MISCELLANEOUS

Tax Redemptions ... 140
Printing Law and Motion Calendar, License Blanks ... 140
Municipal Reports, Public Documents ... 121
Overpayment Corporation Tax Fund ... 139

MUNICIPAL BOND FUNDS

Public Building ... 122–137
Redemption Funds ... 139
Interest Funds ... 138
Investment Fund ... 139
Excavation Fund ... 139

TREASURER'S RECEIPTS ... 141–154

TREASURER'S PAYMENTS ... 155–159

TREASURER'S CASH END OF YEAR ... 160

CONDITION OF TREASURY ... 161–164

TRANSFER ENTRIES ... 167–172

TREASURER IN CASH ACCOUNT WITH AUDITOR ... 176

BANK DEPOSITS ... 178–180

STATEMENT OF TAXES ... 181

APPORTIONMENT OF TAXES ... 182–183

TAXES AND PENALTIES COLLECTED ... 184

POLL TAXES ... 185

SUMMARY OF DEMANDS AUDITED, PAID AND OUTSTANDING ... 186–190

CONTRACTS OUTSTANDING BALANCES ... 191–194

BONDED INDEBTEDNESS NOVEMBER 8, 1910 ... 195–199

STATEMENT OF ASSESSED VALUES FROM 1850 TO 1914 ... 200–202

TAX LEVY, 1914-1915 (AUDITOR) ... 238–239–240

ABSTRACT OF EXPENDITURES (ESTIMATED) ... 241–244

SUPERVISORS' BUDGET ... 245–266

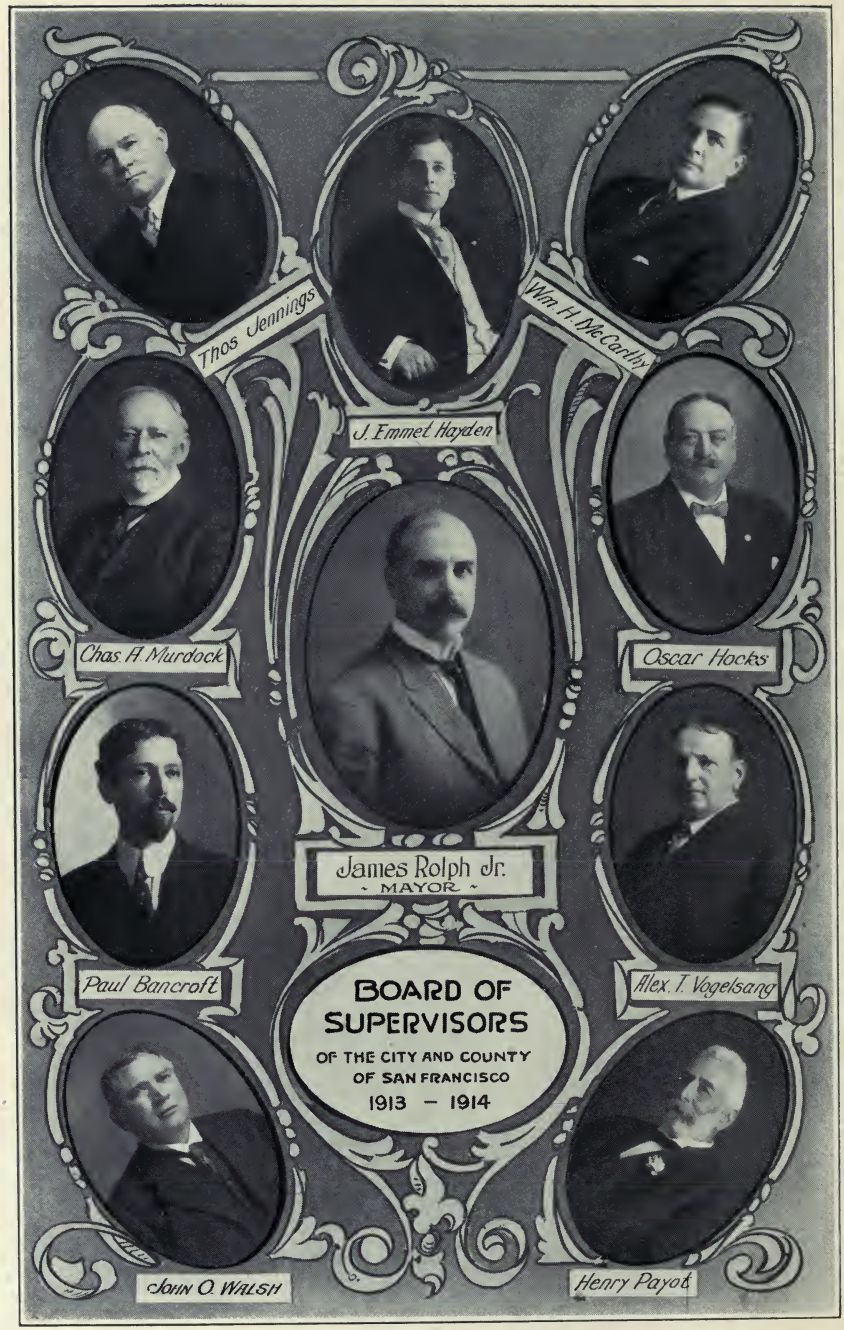
VALUE OF PROPERTY AND INDEBTEDNESS OF EACH COUNTY IN STATE ... 268–269

LICENSES ISSUED BY TAX COLLECTOR ... 268–269

	PAGE
BOARD OF CENSORSHIP	272
BOARD OF EDUCATION	567
BOARD OF HEALTH	642
BOARD OF PUBLIC WORKS	274
CHIEF OF POLICE	555
CITY ATTORNEY'S REPORT	441
CIVIL SERVICE COMMISSION	621
CORONER'S REPORT	507
COUNTY CLERK'S REPORT	609
DEPARTMENT OF ELECTIONS	273
DEPARTMENT OF ELECTRICITY	474
DEPARTMENT OF EDUCATION	567
DEPARTMENT OF PUBLIC HEALTH	642
FIRE COMMISSIONERS' REPORT	481
FIRE PENSION FUND COMMISSION'S REPORT	497
FREE PUBLIC LIBRARY	819
JUSTICE'S CLERK	638
JUVENILE DETENTION HOME	606
LAW LIBRARY	513
PARK COMMISSIONER'S REPORT	585
PLAYGROUND COMMISSION	432
POLICE, CHIEF OF	555
POLICE PENSION FUND	561
POUNDKEEPER REPORT	817
PUBLIC ADMINISTRATOR	421
PUBLIC LIBRARY, FREE	819
RECORDER'S REPORT	503
SEALER OF WEIGHTS AND MEASURES	588
SHERIFF'S REPORT	546
SUPERINTENDENT OF PUBLIC SCHOOLS	571
TAX COLLECTOR'S REPORT	440
TREASURER'S REPORT	516
WIDOWS' PENSION BUREAU	631

APPENDIX

	PAGE
BOARD OF SUPERVISORS	826
WATER RATES	827
GAS AND ELECTRICITY RATES	827
MUNICIPAL RAILWAY SYSTEM	828
SOUTHERN PACIFIC COMPANY'S DEPOT FRANCHISE	861
SUMMARY OF MUNICIPAL EVENTS	866
TELEPHONE RATES	827
REPORT OF STATIONERY DEPARTMENT	868


Thos Jennings
J. Emmet Hayden
Wm H. McCarthy
Chas. H. Murdock
James Rolph Jr.
MAYOR
Oscar Hocks
Paul Bancroft
BOARD OF SUPERVISORS
OF THE CITY AND COUNTY OF SAN FRANCISCO
1913 - 1914
Alex. T. Vogelsang
John O. Walsh
Henry Payot

Edward L. Nolan
James E. Power
Andrew J. Gallagher
John C. Kortick
Fred L. Hilmer
Fred Suhr Jr.
Ralph Mc Leran
Charles A. Nelson
Cornelius J. Deasy
SEAL OF THE CITY AND COUNTY OF SAN FRANCISCO
BOARD OF SUPERVISORS
OF THE CITY AND COUNTY OF SAN FRANCISCO
1913 — 1914

Auditor's Report

San Francisco, Cal., Jan. 4, 1914.

To the Honorable, the Mayor and Board of Supervisors.

Gentlemen:

In accordance with Article 16, Section 9, of the Charter of the City and County of San Francisco, Cal., I have the honor to submit herewith the Annual Report of the Auditor, for the fiscal year ended June 30, 1914.

In presenting the Annual Report, of the Auditor, I beg leave to state (as in my previous report) I have made earnest effort to comply with the requirements of the United States Bureau of Commerce, as authorized by an Act of Congress, also according to instructions and classifications adopted by the State Controller, Statutes 1911, Chapter 550. Under these Acts I have taken particular care to classify each Fund and Account and arranging them in a uniform manner as to the payment for the objects and purposes for which they were appropriated, viz: the Salaries and Wages, Expense and Outlays, together with the total expenditures of each department.

I have also throughout the Report shown complete statements of all revenues and expenditures under their proper classification; having in view the adoption of a system which will insure a safe and speedy solution in facilitating the preparation of the Budget appropriation and simplyfying the compiling of Annual Reports.

The classifications throughout the Report are as follows:

General Government: Comprising the offices of Assessor, Auditor, Civil Service, Supervisors, Board of Censors, Coroner, Department of Election, Mayor, Tax Collector, Treasurer, County Clerk, City Attorney, District Attorney, Grand Jury, Examiners of Insane, Interpreters, Sheriff, Juror and Witness Fees and Expenses, Board of Public Works, (administrative) General Maintenance of Buildings, Lighting and Water for Public Buildings, Rents and Printing.

Total General Government $1,584,238.46

Protection of Life and Property: Comprising the Bureau of Building Inspection, Department of Electricity, Recorder, Fire Department, Police Department, Emergency Hospitals, Sealer of Weights and Measures, Public Pound and Public Administrator.

Total Protection of Life and Property 3,902,227.96

Conservation of Health: Comprising the Board of Health (administrative), Tubercular Hospital, Isolation Hospital, Cleaning and Repairs to Sewers, Cleaning and Sweeping Streets, Removal of Garbage and Sanitation

Total Conservation of Health 1,201,000.45

Highways: Comprising the Repairs to Streets, Corporation Yard Equipment, Special Streets Funds, Tunnels, Bureau of Engineering, Surveys, Water Mains, Lighting Streets, and Bridges.

Total Highways 1,889,283.19

Charities and Corrections: Comprising the City and County Hospital, Juvenile Court and Detention Home, Burial of Indigent Dead, Burial of U. S. Sailors and Soldiers, Maintenance of Minors, City and State, Maintenance of Criminals, Widows Pension Bureau, Relief Home and Criminal Insane.

Total Charities and Corrections 962,406.74

Education: Comprising the Public Library, Department of Schools, and Teachers' Institute.

Total Education 2,538,795.87

Recreation: Comprising the Parks, Playgrounds, etc.

Total Recreation 502,424.87

Celebrations:. Comprising the Fourth of July and Memorial Day.

Total Celebrations 3,000.00

Public Service Enterprises: Comprising the Municipal Railway Fund, Water Works Fund, Civic Center, etc.

Total Public Service Enterprises 2,549,988.89

Public Trust Funds: Comprising the Police and Firemen's Relief and Pension Funds, Robinson and Windel Bequest Funds, Relief of Exempt Firemen and Investment Funds.

Total Public Trust Funds 489,995.61

Private Trust Funds: Comprising the Duplicate Tax, House Moving, Police Court Bail Money, Special Permits, Special Badges, Erroneous Assessments and Collection of Revenues, Violation of Ordinances, Tearing Up Streets Fund and Corporation Tax Fund.

Total Private Trust Funds 935,069.27

Public Utilities: Comprising the Condemnation of Spring Valley Water Co. and Investigations of Gas, Water and Telephone Rates.

Total Public Utilities 144,334.16

Bond Redemption and Interest Accounts. Total 2,457,169.50

Grand Total Expenditures $19,159,934.97

Respectfully submitted,

THOS. F. BOYLE,
Auditor City and County of San Francisco.

AUDITORS OF THE CITY AND COUNTY OF SAN FRANCISCO, AND THE TERM OF THEIR INCUMBENCY FROM 1850 TO 1916.

B. L. Berry 1850
G. A. Hudson 1851
J. W. Stillman 1852
R. Matthewson 1852
S. R. Harris 1853
W. Sherman 1854
A. J. Moulder 1855
F. D. Kohler 1856
E. Mickle 1857-1860
Henry M. Hale 1861-1868
Thos. M. Holt 1869-1870
Monroe Ashbury 1871-1875
G. F. Maynard 1876-1878
Colin M. Boyd 1879
Jno. P. Dunn 1879-1881
Henry Brickwedel 1882
Wm. M. Edgar 1882-1884
Fleet F. Strother 1885-1890
David Stern 1891
Thos. J. L. Smiley 1891-1892
Wm. Broderick 1893-1898
Asa R. Wells 1899-1901
Harry Baehr 1902-1905
S. Horton 1906-1907
John A. Koster 1908-1909
Thos. F. Boyle.....1910-1916

LIST OF COMMISSIONERS FOR THE CITY AND COUNTY AND EXPIRATION OF THEIR TERM OF OFFICE

CIVIL SERVICE COMMISSION

B. B. Rosenthal ..... Term expires Jan. 8, 1914
E. A. Walcott ..... Term expires Jan. 8, 1915
Matthew Brady ..... Term expires Jan. 8, 1916

BOARD OF EDUCATION

Miss Sallie J. Jones ..... Term expires Jan. 8, 1919
Geo. E. Gallagher ..... Term expires Jan. 8, 1920
A. A. D'Ancona ..... Term expires Jan. 8, 1918
Agnes G. Regan ..... Term expires Jan. 8, 1917

DEPARTMENT OF ELECTIONS

C. J. Collins ..... Term expires Jan. 8, 1920
Thos. V. Cator ..... Term expires Jan. 8, 1919
J. K. Prior ..... Term expires Jan. 8, 1918
William McDevitt ..... Term expires Jan. 8, 1920
John Herman ..... Term expires Jan. 8, 1917

BOARD OF FIRE COMMISSIONERS

A. J. Martin ..... Term expires Jan. 8, 1918
Chas. Spader ..... Term expires Jan. 8, 1917
Chas. E. Jones ..... Term expires Jan. 8, 1916
T. A. Herring ..... Term expires Jan. 8, 1915

PLAYGROUND COMMISSION

Rev. D. O. Crowley ..... Term expires Jan. 8, 1916
Timothy A. Reardon ..... Term expires Jan. 8, 1916
Marshall Hale ..... Term expires Jan. 8, 1916
Mrs. M. S. Hayward ..... Term expires Jan. 8, 1916
Miss Agnes G. Regan ..... Term expires Jan. 8, 1916

PARK COMMISSIONERS

William H. Metson ..... Term expires Jan. 8, 1917
Earl M. Cummings ..... Term expires Jan. 8, 1918
Curtis H. Lindley ..... Term expires Jan. 8, 1916
A. B. Spreckels ..... Term expires Jan. 8, 1916
Sigmund Greenbaum ..... Term expires Jan. 8, 1915

BOARD OF POLICE COMMISSIONERS

James Woods ..... Term expires Jan. 8, 1917
Theodore J. Roche ..... Term expires Jan. 8, 1915
Jesse B. Cook ..... Term expires Jan. 8, 1916
Max J. Kuhl ..... Term expires Jan. 8, 1917

BOARD OF PUBLIC WORKS

T. A. Reardon ..... Term expires Jan. 8, 1917
Daniel G. Fraser ..... Term expires Jan. 8, 1915
Adolph Judell ..... Term expires Jan. 8, 1917

DEPARTMENT OF PUBLIC HEALTH

Dr. A. P. O'Brien ..... Term expires Dec. 23, 1920
Guy E. Manning, M. D. ..... Term expires Dec. 23, 1921
L. Arnstein ..... Term expires Dec. 23, 1915
Geo. B. Somers, M. D. ..... Term expires Dec. 23, 1916
Frank J. Klimm ..... Term expires Dec. 23, 1917
Arthur M. Sharp ..... Term expires Dec. 23, 1918
Arthur H. Barendt ..... Term expires Dec. 23, 1919

COMPARATIVE STATEMENT OF EXPENDITURES OF THE DIFFERENT FUNDS FOR THE FISCAL YEAR 1912-13 AND 1913-14.

GENERAL GOVERNMENT.

	1912-13	1913-14
Assessor	$ 113,160.15	$ 117,499.41
Auditor	40,276.96	40,741.37
Civil Service	25,752.00	23,029.77
Board of Supervisors and Finance Committee	122,848.56	124,085.97
Board of Censors	50.00	614.05
Coroner	25,483.95	26,975.80
Election Department	299,733.37	239,436.44
Mayor's Office	23,874.69	29,297.59
Tax Collector	70,479.74	79,141.92
Treasurer	26,826.49	27,236.79
Board of Public Works, General Office	158,190.16	175,377.85
Board of Public Works, Repairs to Buildings	12,949.36	13,140.20
Board of Public Works, Repairs to Buildings, Special	5,942.28	4,260.84
Board of Public Works, Maintenance and Supplies	18,094.53	32,482.12
Board of Public Works, General Transportion	11,636.00	16,952.55
Board of Public Works, Lighting Public Buildings	38,881.58	36,597.71
Justice Courts	30,100.83	29,319.11
Police Courts	27,704.40	24,227.62
Superior Courts	77,494.49	85,471.71
Law Library	3,768.06	4,947.45
Rent of City Hall Property	63,000.00	63,000.00
Sheriff's Office	164,579.03	166,248.95
Printing Law and Motion Calendar	4,099.92	4,800.00
License Blanks (Tax Collector)	1,397.58	1,237.07
Municipal Reports		3,238.65
Printing Public Documents	12,446.21	14,099.40
Water for Public Buildings	22,979.10	22,070.35
Fee Receipt Books (Various Offices)	1,977.87	2,840.16

PROTECTION OF LIFE AND PROPERTY.

	1912-13	1913-14
Bureau of Building Inspection	29,515.00	34,612.25
Department of Electricity	117,614.83	112,856.75
Recorder	78,737.51	69,596.72
Fire Department	1,828,557.69	1,766,939.08
Police Department	1,534,749.92	1,549,063.67
Emergency Hospitals	89,247.29	95,308.91
Sealer of Weights and Measures	3,532.98	7,271.58
Public Pound	10,500.40	10,914.30
Public Administrator	334.75	356.31
Fire Protection Bonds	910,974.64	155,308.39

CONSERVATION OF HEALTH.

Department of Health: General Office	112,498.07	131,433.33
Tuberculosis Hospital	68,600.69	68,551.63
Isolation Hospital	29,953.33	34,332.86
Cleaning and Repairing Sewers	156,762.45	150,414.49
Cleaning and Sweeping Streets	329,075.43	347,540.05
P. B. Sewer Bonds	431,090.83	438,485.38
P. B. Garbage Bonds	183,714.42	15,244.31
Special Sanitation	14,999.67	14,998.40

HIGHWAYS.

Repairs to Streets	555,509.97	697,929.14
Corporation Yard Equipment and Supplies		11,108.60
Special Funds	306,479.67	266,063.03
Tunnel Assessments	24,494.98	325,073.65
Assessment Funds		50,748.75
Bureau of Engineering	89,143.80	103,568.45
Resurveying Homesteads	43,440.96	42,540.46
Water Mains	791.25	100.00
P. B. Street Bonds	14,905.02	217.02
Lighting Streets	373,706.87	371,347.73
Bridges	74,928.62	20,586.36

CHARITIES AND CORRECTIONS.

City and County Hospital	134,975.35	142,774.48
Juvenile Court and Detention Home	41,065.60	48,810.27
Burial of Indigent Dead	2,908.50	2,528.00
Burial of U. S. Soldiers and Sailors	2,700.00	4,125.00

CHARITIES AND CORRECTIONS—Continued.

	1912-13	1913-14
Maintenance of Minors	250,925.42	239,220.43
Widows' Pension Bureau		2,563.80
Relief Home	223,263.15	411,793.30
Criminal Insane	2,772.00	2,702.00
P. B. Hospital Bonds	457,574.83	77,722.98
P. B. Hospital and Jail Bonds	41,260.80	30,166.48

EDUCATION.

Public Library	75,940.34	90,483.26
Department of Schools	1,911,425.17	1,980,579.54
Teachers Institute Fund	622.72	281.39
P. B. School Bonds	561,736.47	458,565.43
P. B. Library Bonds		8,886.25

RECREATION.

Parks	434,919.71	429,112.27
Municipal Band	10,006.46	9,999.65
Play Grounds	76,317.66	63,312.95

CELEBRATIONS.

Fourth of July and Memorial Day	3,000.00	3,000.00

PUBLIC SERVICE ENTERPRISE

Market Street Railway Extension Bonds, 1910		29,859.86
Municipal Railway Fund	68,954.06	441,107.21
Municipal Railway Plans Extension		14,556.57
Water Works Fund	5,781.02	4,915.19
Municipal Railway Bonds	978,864.29	962,354.87
Civic Center Bond Fund	4,814,359.77	1,095,445.19
City Hall and Civic Center Premium Account	7,288.00	250.00
Panama Pacific Premium Account	5,037,074.00	1,500.00

PUBLIC TRUST FUNDS.

Police Relief and Pension Fund	87,804.45	94,679.80
Fireman's Relief and Pension Fund	84,027.41	91,533.11
Robinson Bequest Interest Fund	2,500.00	2,000.00
Windel Bequest Interest Fund	892.12	493.59
Relief for Exempt Firemen	5,001.00	5,000.00

FUNDS OTHER THAN PUBLIC TRUST: REFUNDS.

	1912-13	1913-14
County Clerk (Miscellaneous Fees)	124.80	599.50
Duplicate Tax	9,666.66	5,771.29
House Moving (Dept. Public Works)	2,010.00	2,002.65
House Moving (Dept. of Electricity)	1,190.40	371.70
Licenses	39.00	328.50
Police Courts (Bail Money)	552,020.00	651,515.00
Police Courts (Fines, etc.)	601.85	1,595.00
Police Department Fines and Contributions		22,077.00
Poll Tax and Personal Property		32.48
Special Badges	310.00	315.00
Special Permits	88,191.00	75,142.00
Taxes (Erroneous Assessments)	4,235.80	1,038.91
Taxes (On Judgments)		91,771.25

VIOLATING ORDINANCES.

Cruelty to Children	47.25	25.00
Fish and Game	805.00	945.00
Pharmacy	6,253.10	9,869.25
Dentistry	300.00	150.00
Pure Food		25.00
Tearing Up Streets Fund	91,920.88	66,758.29
Legal Department—		
County Clerk	115,794.77	112,034.27
City Attorney	41,697.30	43,001.91
District Attorney	61,904.42	62,217.83
Grand Jury	13,792.87	6,109.90
Insane	10,005.00	10,355.00
Interpreters	9,500.00	9,477.00
Jurors' Fees	30,585.10	31,871.60
Jury Expenses	3,388.95	801.00

PUBLIC UTILITIES.

Hetch Hetchy and Condemnation of Spring Valley	52,358.78	82,217.17
Investigation of Gas, Telephone and Water Rates		6,000.00
Redemption Advertising Fund	819.72	333.96
Hetch Hetchy Water Bonds	189,559.21	55,783.03

BOND INTEREST AND REDEMPTION FUND.

	1912-13	1913-14
Interest Account	1,161,131.00	1,691,169.50
Redemption Account	617,000.00	766,000.00
Investment Fund		293,289.11
Denman Silver Medal Fund		3,000.00
Excavation Fund	362.40	3,797.96
Overpayment of Corporation Taxes	30.06	938.49
Grand Total, 1913-14		$19,159,934.97

ANNUAL REPORT TO STATE CONTROLLER, FINANCIAL TRANSACTIONS OF THE CITY AND COUNTY OF SAN FRANCISCO, STATE OF CALIFORNIA, FOR THE FISCAL YEAR ENDING JUNE 30th, 1914.

In Compliance With Provisions of Chapter 550, Statutes 1911, Approved April 21, 1911.

Submitted by Thomas F. Boyle, Auditor, this 28th, day of December, 1914.

GENERAL STATISTICS.

Population, U. S. Census, 1910 416,912
Estimated population June 30, 1914 530,000
Date incorporated ..... First, May, 1850; Last, April 19, 1856
Fiscal year began ..... July 1st, 1913
Class of city ..... First Class
Special charter, Approved by Legislature, Jan. 26, 1899, in effect, Jan. 1900.
Territory in square miles: Land 46½, water 80½; total 127 sq. miles

ASSESSMENT ROLL

Value of real estate	$304,579,974
Value of improvements	165,496,933
Value of personal property, including money, etc	71,817,532
Total value non-operative roll	$541,894,443
Value operative roll	105,313,071
Total assessment roll	$647,207,514

APPORTIONMENT OF TAX RATE

(Give cents levied on each $100.00 valuation—NOT amount of money collected)

	1912-13	1913-14
For general purposes	$1.391	$1.406
For bond interest and redemption	.497	.516
For library purposes	.018	.018
For parks	.070	.070
For public industries, school	.208	.222
Firemen's Relief	.016	.018
Total highest tax rate per $100.00	$2.20	$2.250

Total number parks, squares and playgrounds: Parks, 34; playgrounds, 11. Acreage: Parks, 1583.39; playgrounds, 32.97.

Does city own? (Answer "Yes" or "No" to each question) City hall: Partial. Library: Yes. Library building: Yes. Sewer system: Yes. Water works: Partial. Gas works: No. Electric plant: No. Cemetery: No. Garbage crematory: Partial. Public market: No. Wharves and docks: No. Specify any others: Municipal Railway Co.

BONDED

GENERAL ACCOUNTING OF AUTHORIZED

Date and Name of Bonds Issued	Authorized	Cancelled	Sold	Redeemed
July 1, 1904. 3½%.				
County Jail and Hall of Justice	$ 697,000	$ 418,600	$ 278,400	$ 156,600
Golden Gate Park Extension to the Presidio	330,000	2,000	328,000	73,800
Hospital	1,000,000	750,000	250,000	225,000
Library	1,647,000	3,000	739,800	369,900
Mission Park	293,000	1,000	292,000	65,700
Playgrounds	741,000	1,000	740,000	166,500
School	3,595,000	1,978,600	1,606,600	808,200
Sewer	7,250,000	5,256,800	1,812,000	1,630,800
Street	1,621,000	649,000	972,000	364,500
July 1, 1908. 5%.				
Fire Protection	5,200,000		5,200,000	
Garbage System	1,000,000		872,000	150,000
Hall of Justice	1,000,000		1,000,000	100,000
Hospitals	2,000,000		2,000,000	100,000
Schools	5,000,000		5,000,000	
Sewer	4,000,000		4,000,000	
Miscellaneous. 4½%.				
Hospital and Jail, April 1, 1913	1,700,000		661,000	
Water Supply, Jan. 1, 1909	600,000		600,000	500,000
Polytechnic High School, Jan. 1, 1910	600,000		600,000	25,000
Geary St. Railway, Jan. 1, 1910	1,900,000		1,900,000	
Market St. Railway, Jan. 1, 1910	120,000		69,000	
Water Supply, July 1, 1910	45,000,000		1,272,000	
Miscellaneous. 5%.				
City Hall, July 1, 1912	8,800,000		7,480,000	
Exposition, May 1, 1912	5,000,000		5,000,000	
Municipal Street Ry., Dec. 1, 1913	3,500,000		1,802,500	
Totals	$102,594,000	$9,060,000	$44,475,300	$4,736,000

INDEBTEDNESS

ISSUE OF BONDS TO JUNE 30, 1914.

Unsold	Outstanding June 30, 1913	Sales During Year 1913-1914	Redeemed During Year 1913-1914	Due to Be Redeemed as of July 2, 1914	Bonds Outstanding June 30, 1914	Bonds Outstanding as of July 2, 1914
	$ 139,200		$ 17,400	$ 17,400	$ 121,800	$ 104,400
	262,400		8,200	8,200	254,200	246,000
	50,000		25,000	25,000	25,000	
904,200	411,000		41,100	41,100	369,900	328,800
	233,600		7,300	7,300	226,300	219,000
	592,000		18,500	18,500	573,500	555,000
9,800	716,100	$ 172,100	89,800	89,800	798,400	708,600
181,200	181,200	181,200	181,200	181,200	181,200	
	648,000		40,500	40,500	607,500	567,000
	5,200,000				5,200,000	5,200,000
128,000	764,000	8,000	50,000	50,000	722,000	672,000
	950,000		50,000	50,000	900,000	850,000
	1,715,000	285,000	100,000	100,000	1,900,000	1,800,000
	4,400,000	600,000		200,000	5,000,000	4,800,000
	3,600,000	400,000			4,000,000	4,000,000
1,039,000		661,000			661,000	661,000
	212,000		112,000		100,000	100,000
	520,000	80,000	25,000		575,000	575,000
	1,900,000				1,900,000	1,900,000
51,000	69,000				69,000	69,000
43,728,000	1,125,000	147,000			1,272,000	1,272,000
1,320,000	5,148,000	2,332,000			7,480,000	7,480,000
	5,000,000				5,000,000	5,000,000
1,697,500		1,802,500			1,802,500	1,802,500
$49,058,700	$33,836,500	$6,668,800	$766,000	$829,000	$39,739,300	$38,910,300

RECAPITULATION

Bonds Sold to June 30, 1914	$44,475,300
Bonds Redeemed to June 30, 1914	4,736,000
Bonds Outstanding to June 30, 1914	39,739,300
Bonds Sold to June 30, 1914	44,475,300
Bonds Redeemed and Due to Be Redeemed as of July 2, 1914	5,565,000
Bonds Outstanding as of July 2, 1914	38,910,300

Note.—Exposition Bonds not included in Charter Limitation.

RECEIPTS FROM REVENUE

From Taxes and Special Assessments

	Amounts	Total
General Property Tax—		
For City Purposes—$11,554,439.02 less 102a P.P. Assessor Acct. $963,068.49	12,517,507.51	12,517,507.51
Poll Taxes—		
For City Purposes—No Poll Tax collected for City purposes. See General Government for Commissioners		
For Public Improvements—Polk St. Assessment, Stockton St. Tunnel, Twin Peaks Tunnel and Vulcan St. Assessment Fund	1,366,548.89	1,366,548.89

FROM LICENSES, PERMITS, FINES, PENALTIES, ETC.

Licenses and Permits—		
Liquor Licenses	1,048,625.00	
Other Business Licenses	202,956.25	
Dog Licenses	7,980.00	
Departmental Receipts—Building Permits, etc.	47,163.75	
Marriage Licenses (County Clerk 6329, Recorder 6329)	12,658.00	1,319,383.00
Fines and Penalties—		
Court Fines and Penalties	55,163.09	
Commercial Forfeits — Contractors' Bonds, etc.	150.00	
Cash from Decedents, $221.01; Cash from Prisoners, $606.53	827.54	56,140.63
Franchises, Percentages, etc.—Street Railways, $53,317.79; Reduction Works, $17,500.00; Electric Co. $12.52	70,830.31	70,830.31
Rent of Investment Properties—		
From Miscellaneous Real Property—Civic Center, $9,130.52; City Property, $25,815.52; School, $975.31	132,477.04	132,477.04
Interest Receipts—		
From Current Deposits—Banks, $68,458.74; Interest on Purchased Bonds, $3,579.19	72,037.00	
On Impounded Moneys, $10,405.53; Public Trust Funds, $2,000.00; Denman Medal Fund, $92.92	13,392.04	85,429.97

Subventions and Grants—		
State Account Refunds on Bonds per Chap. 335, Statutes 1911	130,476.48	
From State School Apportionment	694,430.67	824,907.15
Gifts, Donations and Pension Fund Dues—		
Gifts for Principal of Public Trust Funds—Robinson and Windel Bequest Funds	3,000.00	
Pension Fund Dues—Police Pension	22,860.35	25,860.35

RECEIPTS FROM FEES, RENTS, CHARGES, SALES, ETC.

	Fees and Charges for Services	Minor Sales	Totals
General Government	$204,307.30	$ 9,895.26	$ 214,202.56
Protection to Person and Property—			
Police Department	1,307.00		
Fire Department	29,860.60	4,105.85	
Public Pound	5,580.65		
Recorder, $76,859.15; Dept. of Electricity, $13,517.58	90,376.73		131,230.83
Conservation of Health	1,188.25		1,188.25
Sanitation or Promotion of Cleanliness	15,500.00		15,500.00
Highways	1,013.02	190.30	1,203.32
Charities and Corrections—			
Orphans, etc., $57,675.61; Hospital Relief Home—Juvenile Home	71,591.01	126.87	
Sale of Relief Home Tract		123,830.00	
Board of United States Prisoners	154.77		195,702.65
Education—			
Library	3,406.05		
School	899.30	173.36	4,478.71

Recreation—			
Municipal Baths	273.48		
Parks	38,250.65	1,607.19	40,131.32
Private Trust—			
Duplicate Tax, $7,502.81; Overpayment P. P. Tax, $1,043.76; Police Court Bail, $646,490.00; Special Permits, $136,059.01	791,095.58		791,095.58
Miscellaneous—Investment Municipal Bond Funds	94,300.00		94,300.00
Public Service Enterprises—			
Water Supply System	4,576.86	216.69	
System Municipal Railway	839,566.33	556.75	844,916.63
Total			18,733,034.70

RECEIPTS OTHER THAN REVENUE

Character of Debt Obligations	Par Value	Premiums	Amount Received	Total
Receipts from Debt Obligation—				
Funded Debt—Sale of Bonds	$6,668,800.00	$21,690.08	$6,690,490.08	$ 6,690,490.08
State of California			992,232.30	992,232.30
Total Debt Obligations				7,682,722.38
Receipts in Error for Correction of Erroneous Payments and from Accrued Interest—				
Receipts to Correct Errors in Payments			4,643.29	
Accrued Interest on Bonds Issued			70,811.29	75,454.58
Grand Total all Receipts				$26,491,211.66

CASH ON HAND AT BEGINNING OF FISCAL YEAR

City Purposes—

General Treasury	$ 441,140.65
Sinking Funds	673,858.29
Public Trust Funds	750.00
Private Trust Funds	281,878.95
Total	$5,397,627.89

Total Cash on Hand ....6,246,306.58, less $13,964.16, Widber deficiency=$6,232,342.42; which includes $818,709.16 taxes collected by Assessor and $29,969.53, moneys belonging to State of California Assessors' Account.

PAYMENTS FOR COST OF GOVERNMENT

Department, Office or Account	For Expenses (Operation and Maintenance) Salaries and Wages	Miscellaneous	Total Expenses	Outlays for Permanent Improvements
General Government—				
Legislative—				
Council, Board of Trustees, etc.	$ 83,971.65	$ 36,514.32	$ 120,485.97	$ 3,640.07
Board of Censors	600.00	14.05	614.05	
Clerk of Council	3,600.00		3,600.00	
Chief Executive Offices—				
Mayor	17,362.50	11,935.09	29,297.59	5,510.31
Coroner	23,629.96	3,345.84	26,975.80	54.56
Finance Offices and Accounts—				
Auditor	33,700.00	7,041.37	40,741.37	646.35
Treasurer	24,099.96	3,136.83	27,236.79	226.60
Assessor	109,197.02	8,302.39	117,499.41	551.55
Collection of Revenue	72,741.61	6,399.41	79,141.02	1,515.20
Law Offices and Accounts—				
City Attorney	36,199.92	6,801.99	43,001.91	657.48
District Attorney	54,649.92	7,567.91	62,217.83	808.65
County Clerk and Law Library	112,549.96	4,431.76	116,981.72	121.90
Other General Executive Offices and Accounts				
Civil Service Commission	20,792.20	2,237.57	23,029.77	345.55
Board of Public Works	97,118.25	49,434.67	146,552.92	2,292.63
Sheriff (Civil Department)	73,501.82	2,653.86	76,155.68	226.51

Elections—				
Administrative	39,454.54	67,426.00		4,738.33
General	56,872.88			
Primary	54,003.86			
Special	21,679.16		239,436.44	
General Government Buildings—				
Lighting Buildings		36,597.71	36,597.71	
General Expenditures	93,772.05	1,888.59	95,660.64	
Rent of City Hall		63,000.00	63,000.00	
Judicial—				
General Municipal Courts, Police	24,000.00	227.62	24,227.62	
Interpreters	9,477.00		9,477.00	
Justice Courts	28,440.00	879.11	29,319.11	2.50
Superior Courts	75,515.34	9,956.37	85,471.71	7,099.40
Special Courts, Juvenile	26,665.00	3,767.65	30,432.65	
Jury and Witness—Grand Jury		38,782.50	38,782.50	
Insane		10,355.00	10,355.00	
Premium Accounts		1,750.00	1,750.00	
Water for Buildings		22,070.35	22,070.35	
Total General Government	1,193,594.60	406,517.96	1,600,112.56	28,437.59
Protection to Person and Property—				
Police Department	1,431,729.55	117,334.12	1,549,063.67	59,190.99
Fire Department—				
General and Special Repairs	17,795.35	56,462.16	74,257.51	50,300.92
General Expenditures	1,317,971.80	230,015.95	1,547,987.75	113,147.16
Water Service		144,693.82	144,693.82	

PAYMENTS FOR COST OF GOVERNMENT—Continued.

Department, Office or Account	For Expenses (Operation and Maintenance) Salaries and Wages	Miscellaneous	Total Expenses	Outlays for Permanent Improvements
Protection to Person and Property—Continued.				
Inspection for Protection of Person and Property—				
Building Inspection	30,900.00		30,900.00	
Plumbing Inspection	10,920.00		10,920.00	
Electrical Inspection	7,750.00		7,750.00	
Light and Water	3,712.25		3,712.25	
Public Administrator		356.31	356.31	
Other Protection to Person and Property—				
Recorder	65,941.31	3,655.41	69,596.72	356.31
Violating Ordinances		11,014.25	11,014.25	
Public Pound		10,914.30	10,914.30	
Police and Fire Alarm System	81,499.10	23,607.65	105,106.75	23,980.54
Sealer of Weights and Measures	5,986.65	1,284.93	7,271.58	
Emergency Hospitals	75,793.85	19,515.06	95,308.91	5,621.69
From Sale of Fire Protection Bonds	15,671.81	139,636.58	155,308.39	155,308.39
Total Protection to Person and Property	3,065,671.67	758,490.54	3,824,162.21	407,906.00
Conservation of Health—				
Health Department Administration	32,148.70	25,866.43	58,015.13	1,165.13
Vital Statistics	2,700.00		2,700.00	
Treatment and Prevention of Communicable Diseases	38,114.35	64,770.14	102,884.49	7,697.49

Food Regulation, etc.—				
Milk and Dairy Control	13,615.00		13,615.00	
Industrial Inspectors	2,760.00		2,760.00	
Total Conservation of Health	89,338.05	90,636.57	179,974.62	8,862.62
Sanitation or Promotion of Cleanliness—				
Sewage and Sewage Disposal—				
Sewers and Storm Drains	131,118.10	31,427.55	162,545.65	10,758.98
Refuse Collection—				
Street Cleaning	320,981.50	22,115.49	343,096.99	10,654.00
Sewer Bonds. Sale of Bonds	35,373.28	403,112.10	438,485.38	438,485.38
Garbage Disposal. Sale of Bonds	4,205.34	11,038.97	15,244.31	15,244.31
Sanitary Inspection	51,705.55	6,716.05	58,421.60	
Total, Sanitation or Promotion of Cleanliness	543,383.77	474,410.16	1,017,793.93	475,142.67
Highways—				
General Administration of Streets	108,429.45	10,622.40	119,051.85	1,379.69
Roadways of Streets, Roads and Alleys	536,011.95	384,927.91	920,939.86	247,773.21
Other Street, Road and Alley Structures—				
Curbs and Gutters		35,860.11	35,860.11	35,860.11
Sidewalks and Crosswalks		7,461.13	7,461.13	
Bridges	19,198.50	1,387.86	20,586.36	
Watering Troughs and Drinking Fountains		2,850.57	2,850.57	2,850.57
Water Sprinkling		4,443.06	4,443.06	

PAYMENTS FOR COST OF GOVERNMENT—Continued.

Department, Office or Account	For Expenses (Operation and Maintenance) Salaries and Wages	Miscellaneous	Total Expenses	Outlays for Permanent Improvements
Highways—Continued.				
Street Lighting		371,347.73	371,347.73	
Tearing Up Streets Fund	34,952.00	9,819.28	44,771.28	
Street Bond Funds—From Sales		217.02	217.02	217.02
Tunnels	13,778.20	362,044.20	375,822.40	375,822.40
Total, Highways	712,370.10	1,190,981.27	1,903,351.37	663,703.00
Charities and Corrections—				
General Supervision of Charities	9,802.40	11,139.02	20,941.42	104.78
Outdoor Poor Relief		66,853.82	66,853.82	
Relief Home	84,665.16	213,854.51	298,519.67	69,107.60
Care of Children		179,219.61	179,219.61	
Other Charities—				
Criminal Insane		2,702.00	2,702.00	
Purchase of Land, Relief Home		113,273.63	113,273.63	113,273.63
Hospital and Jail Bonds—From Sales	3,757.55	26,408.93	30,166.48	30,166.48
Hospital Bonds—From Sales	6,627.35	71,095.63	77,722.98	77,722.98
Hospitals	57,507.95	85,266.53	142,774.48	4,375.82
Other Corrections—				
Sheriff, Jails, etc.	41,716.06	48,377.21	90,093.27	84.97
Total, Charities and Corrections	204,076.47	818,190.89	1,022,267.36	294,836.26

Education—				
School Bonds. Sale of Bonds	15,266.80	443,298.63	458,565.43	458,565.43
Schools	1,775,958.01	204,621.53	1,980,579.54	17,878.41
Library Bonds. Sale of Bonds		8,886.25	8,886.25	8,886.25
Libraries	48,293.75	42,189.51	90,483.26	27,276.90
Teachers' Institute		281.39	281.39	
Total, Education	1,839,518.56	699,277.31	2,538,795.87	512,606.99
Recreation—				
Educational Recreation—				
Museums and Art Galleries	12,080.00		12,080.00	
General Recreation—				
Music and Entertainment		21,045.89	21,045.89	
Celebrations		3,000.00	3,000.00	
Athletics and Playgrounds	44,818.31	26,939.40	71,757.71	20,094.93
Parks and Trees—				
General Expenses	17,610.50	24,538.29	42,148.79	18,580.00
Park Highways	18,483.00	7,751.14	26,234.14	
Park Lighting		2,940.60	2,940.60	
Park Areas and Buildings	238,142.61	86,178.17	324,320.78	10,000.64
Trees		1,896.96	1,896.96	1,896.96
Total, Recreation	331,134.42	174,290.45	505,424.87	50,522.53

PAYMENTS FOR COST OF GOVERNMENT—Continued.

Department, Office or Account	For Expenses (Operation and Maintenance) Salaries and Wages	Miscellaneous	Total Expenses	Outlays for Permanent Improvements
Miscellaneous—				
Pensions, Fire and Police	1,540.00	184,672.91	186,212.91	
Unclassified—				
Municipal Reports and Printing		26,215.28	26,215.28	
Public Trust Funds	3,509.50	5,782.05	9,291.55	
Fire Relief, Exempt Firemen		5,000.00	5,000.00	
Private Trust Funds		736,390.09	736,390.09	
Civic Center Bonds—From Sales	7,579.35	1,087,865.84	1,095,445.19	1,095,445.19
Total, Miscellaneous	12,628.85	2,045,926.17	2,058,555.02	1,095,445.19
Public Service Enterprises—				
Water Supply System	2,838.00	3,936.85	6,774.85	170.84
Municipal Railway Plans	13,968.70	587.87	14,556.57	14,556.57
Municipal Railway Funds	260,777.60	180,329.61	441,107.21	67,442.34
Municipal Railway Bonds—From Sales	49,709.91	912,644.96	962,354.87	962,354.87
Hetch Hetchy Bonds—From Sales	28,917.55	26,865.48	55,783.03	55,783.03
Market St. Ry. Ex.—From Sales	45.00	29,814.86	29,859.86	28,859.86
Purchase of Rights of Way		23,015.00	23,015.00	23,015.00
Total, Public Service Enterprises	356,256.76	1,177,194.63	1,533,451.39	1,153,182.51

PAYMENTS FOR COST OF GOVERNMENT—Continued

Department, Office of Account	Amount Paid	
Interest—		
Interest Payments—		
On Funded Debt—Bonds		$16,291,772.80
On revenue Loans	$1,691,169.50	1,691,169.50

PAYMENTS OTHER THAN FOR COST OF GOVERNMENT

Character of Debt Obligation	Amount Paid	
Payments for Redemption of Debt—		
Funded Debt—Bonds	$ 766,000.00	$ 766,000.00
Revenue Loans	293,289.11	293,289.11
Total Redemptions		$ 1,059,289.11
Payments in Error for Correction of Erroneous Receipts and for Accrued Interest—		
Payments in Error	117,703.56	117,703.56
Total Payments		$19,159,934.97
Payments State of California: May and December	$ 987,331.35	$ 987,331.35

CASH ON HAND AT CLOSE OF FISCAL YEAR

	General Treasury	P. B. Funds and Red. Acct. Sinking Funds	Public Trust Funds	Private Trust Funds	Total
Cash, Except Tax Collected by Assessor not Apportioned—					
City Corporation	$ 9,523,614.57	$862,884.94	$1,463.01	$115,581.17	$1,050,543.69
Tax Collected by Assessor not Apportioned	929,575.20				929,575.20
State Money	34,870.30				34,870.30
Total Cash	$10,488,060.07				$11,467,989.19
Less Widber Deficit	7,000.16				7,000.16
Total Cash on Hand	$10,481,059.90	$862,884.94	$1,463.01	$115,581.17	$11,460,989.03

FOR THE FISCAL YEAR ENDE

	Demands Audited 1913-14	Payments of Treasurer 1913-14
A	$ 333.96	$ 333.96
A		
B	1,691,169.50	1,691,169.50
B	766,000.00	766,000.00
B	3,329,789.19	3,486,191.50
D	5,771.29	6,614.48
D		
Fi	91,533.11	91,591.51
D	3,000.00	3,000.00
P	94,679.80	97,224.00
G	8,795,090.55	8,917,528.07
R	113,273.63	113,273.63
H	2,374.35	2,374.35
Li	90,483.26	92,626.38
P	414,612.27	419,529.57
R	2,000.00	2,000.00
S	1,879,187.76	1,885,621.01
S	75,142.00	80,437.00
S	315.00	320.00
S		
P	50,748.75	50,623.75
T	281.39	524.52
T	66,758.29	69,308.37
W*		
U	15,204.25	16,422.20
W	4,915.19	5,395.42
C	938.49	944.17
W	493.59	493.59
S	249,304.25	248,398.77
S		
S		
P	651,515.00	654,085.00
M	441,107.21	419,651.94
E	3,797.96	3,177.96
I	293,289.11	293,289.11
T	26,333.94	4,881.49
T		
T	491.88	
V		
	19,159,934.97	19,423,031.25
S		987,331.35
A		852,202.45
		21,262,565.05
L*		

REPORT OF MUNICIPAL RAILWAY FOR THE LAST FISCAL YEAR

REVENUES

Receipts from Operation	$ 844,916.63
Total Current Revenues	$ 844,916.63
Sale of Bonds, Total to June 30	1,969,000.00
Total Revenue	$2,813,916.63

EXPENSES

Administration	$ 15,784.70
Operation Expenses—Labor	244,992.90
Maintenance—	
Labor	112,887.27
Outlays	67,442.34
Plans	13,968.70
Expense	587.87
Payment from Sale of Bonds—	
Salaries	49,709.91
Expense and Outlay	912,644.96
Bonds, Interest	89,055.00
Total Current Expenses	$1,507,073.65

EXPENDITURES

Of the City and County of San Francisco During the Fiscal Year Ending June 30, 1914

Being the Total Demands Audited said Year

GENERAL GOVERNMENT

ASSESSOR'S OFFICE

Salaries—		
Assessor	$ 7,999.92	
Chief Deputy	2,400.00	
Cashier	1,800.00	
Clerks (Regular)	21,600.00	
Clerks (Extra)	45,997.10	
Clerks (Poll Tax)	5,000.00	
Deputies (Office)	14,400.00	99,197.02
Deputies (Extra, Restoration of Maps)	9,780.00	
Sundries (Restoration of Maps)	220.00	
		10,000.00
Expense—		
Assessor's Field Expenses	1,965.23	
Premium on Official Bond	250.00	
Stationery and Printing	5,498.61	
Subscription to Newspapers	26.80	
Transportation	10.20	
		7,750.84
Outlay—		
Furniture	411.20	
Maps	140.35	
		551.55

Total Assessor's Office $117,499.41

AUDITOR'S OFFICE

Salaries—		
Auditor	4,000.00	
Attorney	1,800.00	
Chief Deputy	2,400.00	
Office Assistants	20,700.00	
Clerks	2,400.00	
Stenographer	1,500.00	
Telephone Operator	900.00	
		33,700.00
Forward		$ 151,199.41

GENERAL GOVERNMENT—Continued

Forward		$ 151,199.41
Expense—		
Incidentals	389.42	
Premium on Official Bond	175.00	
Stationery and Postage	330.60	
Transportation	500.00	
		1,395.02
Outlay—		
Furniture	121.35	
Adding Machine	525.00	
		646.35

Assessment Roll

Expense—		
Computing and Extending, etc.	5,000.00	
		5,000.00

Total Auditor's Office $40,741.37

CIVIL SERVICE COMMISSION

Salaries—		
Assistant Secretary	1,800.00	
Attorney	500.00	
Commissioners	3,600.00	
Chief Examiner and Assistant	4,666.66	
Chauffeur	15.00	
Inspector and Assistants	3,266.67	
Index Clerks and Assistant Clerks	476.31	
Janitor	60.00	
Stenographer and Clerks	4,326.64	
Special Examiner	2,080.92	
		20,792.20
Expense—		
Advertising	123.69	
Books	95.00	
Incidentals	20.55	
Stationery	1,572.78	
Transportation	80.00	
		1,892.02
Outlay—		
Furniture	272.65	
Typewriter	72.90	
		345.55

Total Civil Service Commission $23,029.77

Forward		$ 181,270.55

GENERAL GOVERNMENT—Continued

BOARD OF SUPERVISORS AND FINANCE COMMITTEE

Forward		$ 181,270.55
Salaries—		
Supervisors	42,800.00	
Chief Clerk and Assistants	22,620.00	
Chauffeur	1,500.00	
Sergeant at Arms	1,440.00	
Stenographers	4,528.35	
Accountant	3,600.00	
Bond and Ordinance Clerk	3,000.00	
Superintendent of Supplies	3,000.00	
Telephone Operators	2,280.00	
Telephone Operators (Relief)	322.50	
Supply Committee (Clerks and Assistants)	2,480.80	
		87,571.65
Expense—		
Advertising	20,627.57	
Annual Dues League of Municipalities	60.00	
Automobile Supplies and Repairs	579.29	
Automobile Registration (State)	200.00	
Collection of Coupons in New York	323.77	
Depository Bond (Crocker Bank)	1,250.00	
Incidentals	94.96	
Electric Sign	25.00	
Premium on Official Bonds	305.00	
Printing and Stationery	2,161.91	
Subscription to Papers	49.20	
Sundries	58.40	
		25,735.10
Outlay—		
Directories	30.00	
Furniture	833.17	
Law Books	76.90	
Purchase of Automobile	2,600.00	
Purchase of Typewriter	100.00	
		3,640.07
Forward		$ 298,217.37

GENERAL GOVERNMENT—Continued

Finance Committee, Board of Supervisors

Forward		$ 298,217.37
Expense—		
Expert Services	4,094.15	
Incidentals	8.40	
Printing	70.00	
Transportation to Venice	300.00	
		4,472.55
Gasoline for City Auto's	2,666.60	
		2,666.60

Total Board of Supervisors $124,085.97

BOARD OF CENSORSHIP

Salaries—		
Salaries	600.00	
		600.00
Expense—		
Stationery	14.05	
		14.05

Total Board of Censorship $614.05

CORONER

Salaries—		
Coroner	3,999.96	
Autopsy Physician	2,400.00	
Chief Deputy	2,400.00	
Deputies	5,700.00	
Driver and Assistant Deputy	1,080.00	
Matron and Clerks	1,750.00	
Messenger	900.00	
Morgue Tender	900.00	
Stenographers	3,300.00	
Toxicologist	1,200.00	
		23,629.96
Expense—		
Directories	6.00	
Dry Goods	155.60	
Drugs and Chemicals	92.01	
Forage	623.40	
Hardware	7.71	
Horseshoeing and Clipping	269.50	
Forward	$ 1,154.22	$ 329,600.53

GENERAL GOVERNMENT—Continued

Forward	$ 1,154.22	$ 329,600.53
Incidentals	129.21	
Lamps, etc.	76.28	
Laundry	164.29	
Photographing Unknown Dead	100.00	
Recovery of Bodies from the Bay	450.00	
Rent of Morgue	594.00	
Premium on Official Bond	25.00	
Removing Garbage	72.00	
Stationery	307.72	
Subscription to Papers	29.55	
Telegraph and Telephone	64.11	
Veterinary Services	17.00	
Wagon Repair	107.90	
		3,291.28
Outlay—		
Harness	33.30	
Instruments	21.26	
		54.56

Total Coroner's Office $26,975.80

DEPARTMENT OF ELECTIONS

Salaries—		
Commissioners	4,893.94	
Registrar	2,400.00	
Chief Clerk	1,800.00	
Clerks (Regular)	6,420.00	
Chief Deputy	1,800.00	
Clerks	45,584.90	
Deputies	10,063.30	
Mechanics and Laborers	1,525.00	
Primary and General Election Officers	80,730.00	
Precinct Officers (Special Election)	13,710.00	
Stenographers	1,883.30	
Storekeeper	1,200.00	
		172,010.44
Expense—		
Advertising	1,808.01	
Auto Hire	68.40	
Ballot Paper	3,615.00	
Cartage	2,745.25	
Forward	$ 8,236.66	$ 504,956.81

GENERAL GOVERNMENT—Continued

Forward	$ 8,236.66	$ 504,956.81
Electrical Supplies	154.82	
Erecting and Taking Down Booths	18,756.64	
Equipping Election Booths	4,597.73	
Freight	78.55	
Hardware	665.04	
Incidentals and Carfare	128.15	
Livery and Cab Service	329.30	
Lumber and Mill Work	12.00	
Premium on Official Bonds	125.00	
Printing Register, Ballots, etc.	17,566.54	
Postage	4,700.00	
Rent of Polling Places	2,865.30	
Typewriters and Repairs	98.20	
Signs	39.00	
Stationery	4,179.49	
Sundries	155.25	
		62,687.67
Outlay—		
Adding Machine	390.00	
Addressograph	4,330.33	
Directories	18.00	
		4,738.33

Total Department of Elections $239,436.44

MAYOR'S OFFICE

Salaries—		
Mayor	6,000.00	
Chauffeur	1,500.00	
Secretary	2,400.00	
Secretary (Assistant)	2,100.00	
Stenographers	3,590.00	
Telephone Operator	900.00	
Usher	872.50	
		17,362.50
Expense—		
Advertising	287.94	
Contingent Expenses	3,600.00	
Incidentals	1,740.00	
Premium on Bond	62.50	
Reporter Services	80.00	
Forward	$ 5,770.44	$ 589,745.31

GENERAL GOVERNMENT—Continued

Forward	$ 5,770.44	$ 589,745.31
Stationery	454.54	
Sundry Expense	157.50	
Transportation to Los Angeles	42.30	
		6,424.78
Outlay—		
Automobile	5,472.16	
Furniture	38.15	
		5,510.31

Total Mayor's Office $29,297.59

TAX COLLECTOR'S OFFICE

Tax Collector	3,999.98	
Accountant	2,400.00	
Chief Deputy	2,400.00	
Cashier and Assistants	7,200.00	
Clerk (Block Book)	1,500.00	
Clerks (Extra)	7,168.91	
Deputies and Acting Deputies	40,242.57	
Searcher of Records	1,780.00	
Stenographer	1,380.00	
		68,071.46
Expense—		
Advertising	604.13	
Adding Machine Repairs	32.17	
Cartage	97.50	
Incidentals	394.70	
Rent of Safe	45.00	
Premium on Official Bond	731.92	
Stationery	2,948.79	
Telegrams	30.00	
		4,884.21
Outlay—		
Advertising Twin Peaks Tunnel	375.06	
Assessment Books Twin Peaks Tunnel	233.50	
Clerical Services Twin Peaks Tunnel	4,670.15	
Incidentals	26.60	
Stationery and Postage	880.04	
		6,185.35

Total Tax Collector's Office $79,141.02

Forward	$ 680,821.42

GENERAL GOVERNMENT—Continued

TREASURER'S OFFICE

Forward		$ 680,821.42
Salaries—		
Treasurer	3,999.96	
Bookkeeper	3,900.00	
Chief Deputy	2,400.00	
Cashier	3,600.00	
Clerks	6,600.00	
Deputies	3,600.00	
		24,099.96
Expense—		
Advertising	512.23	
Auto Hire	70.50	
Incidentals	371.27	
Premium on Official Bond	1,000.00	
Repairs to Perforator	12.50	
Repairs to Typewriter	8.50	
Stationery	935.23	
		2,910.23
Outlay—		
Filing Boxes	120.00	
Furniture	106.60	
		226.60
Total Treasurer's Office $27,236.79		
Forward		$ 708,058.21

DEPARTMENT OF PUBLIC WORKS

GENERAL OFFICE EXPENDITURES

Forward		$ 708,058.21
Salaries—		
Commissioners	11,998.85	
Clerks	7,200.00	
Chauffeur	1,500.00	
Messenger	1,500.00	
Secretary	3,000.00	
Stenographers (3)	4,500.00	
Telephone Operators	1,800.00	
		31,498.85

Bookkeeping Department

Salaries—		
Bookkeeper	3,000.00	
Clerks	6,700.00	
Cashier	2,400.00	
Clerk to Cashier	1,800.00	
Stenographer	1,200.00	
Timekeeper Clerks	2,400.00	
Timekeeper Assistants (2 Outside)	2,760.00	
		22,060.00

INSPECTION OF COMPLAINTS

Salaries—		
Chief Deputy	3,000.00	
Clerks	4,200.00	
Inspectors (Five)	9,900.00	
		17,100.00

BUREAU OF BUILDINGS

Salaries—		
Superintendent and Assistants	5,375.10	
Clerk	1,800.00	
Engineers (Elevators)	4,200.00	
Engineers Assistant (Elevators)	7,500.00	
Elevator Operators	15,120.00	
Janitors	40,904.50	
Stenographer	1,200.00	
Watchmen (Two)	2,160.00	
		78,259.60
Forward		$ 856,976.66

DEPARTMENT OF PUBLIC WORKS—Continued

BUREAU OF ARCHITECTS

Forward		$ 856,976.66
Salaries—		
Consulting Architects	14,999.40	
Clerk	2,100.00	
Draftsmen	3,960.00	
Inspector	3,000.00	
Stenographers (Two)	2,400.00	
		26,459.40
Total General Officers Dept. P. W. $175,377.85		
Rent of Temporary City Hall	63,000.00	
		63,000.00

DEPARTMENT GENERAL REPAIRS TO BUILDINGS

Salaries and Wages—		
Carpenters	2,502.25	
Clerks	375.00	
Glazier	176.25	
Laborers	1,501.50	
Locksmith	907.50	
Painters	1,692.50	
Plumbers	3,584.00	
Stationary Engineers	501.50	
Teamsters	334.45	
Tinners	686.50	
Wiremen	878.75	
		13,140.20

Repairs to Buildings (Special)

Wiring Hall of Records	811.31	
Painting Juvenile Home	126.50	
Carpenter Work, Assessor's Office	97.50	
		1,035.31

Repairs to County Jail

Salaries and Wages—		
Carpenters	471.00	
Glazier	30.00	
Laborers	129.00	
Forward	$ 630.00	$ 960,611.57

DEPARTMENT OF PUBLIC WORKS—Continued

Forward	$ 630.00	$ 960,611.57
Painters	1,180.00	
Plumber	12.00	
Tinners	520.75	
Teamsters	22.00	
Wireman	7.50	
		2,372.25
Expense—		
Glass	54.83	
Hardware	109.51	
Iron Work	92.29	
Lumber	247.17	
Paints and Oils	214.80	
Sundry Repairs	29.64	
Side Sewers	105.04	
		853.28

General Maintenance and Supplies

Expense—		
Advertising	6,425.03	
Brooms and Brushes	746.33	
Cartage	57.00	
Cleaning Supplies	499.93	
Electrical Supplies	2,005.93	
Erroneous Survey	600.00	
Elevator Repairs	276.67	
Fuel and Oil	4,219.80	
Glass	86.67	
Hardware	347.46	
Incidentals and Carfare	436.75	
Janitor Supplies	1,289.26	
Lumber	961.22	
Paints and Oils	407.35	
Premium on Official Bonds	413.90	
Posting Block Books	132.00	
Plumbing Supplies	707.82	
Repairs to Boilers	72.74	
Roofing	467.50	
Rubber Goods	61.25	
Rent of Safe Deposit Box	13.00	
Removing Garbage	294.00	
Forward	$ 20,521.50	$ 963,837.10

DEPARTMENT OF PUBLIC WORKS—Continued

Forward	$ 20,521.50	$ 963,837.10
Stationery	7,098.45	
Sundry Repairs	53.65	
Signs	29.95	
Sundries	248.20	
Telephone Service	36.00	
Typewriter Supplies, etc.	67.53	
Towel Service	2,134.10	
		30,189.49
Outlay—		
Automobile	700.00	
Addressograph	269.64	
Badges	113.10	
Furniture	1,122.38	
Flags	15.65	
Maps	14.70	
Machinery	57.16	
		2,292.63

General Transportation

Expense—		
Auto Hire	4,456.40	
Carfare	1,926.65	
Livery	10,569.50	
		16,952.55

Total Repairs, Rents, etc. $129,835.71

LIGHTING PUBLIC BUILDINGS—EXPENSE

Board of Health—		
Gas and Electricity	433.23	
City Hall—		
Gas and Electricity	3,727.63	
Coroner—		
Gas and Electricity	276.60	
Emergency Hospital—		
Gas and Electricity	1,187.59	
Fire Department—		
Gas and Electricity	15,389.88	
Detention Hospital—		
Gas and Electricity	40.92	
Forward	$ 21,055.85	$ 1,013,271.77

DEPARTMENT OF PUBLIC WORKS—Continued

Forward	$ 21,055.85	$ 1,013,271.77
Hall of Justice—		
Gas and Electricity	5,053.57	
Isolation Hospital—		
Gas and Electricity	1,591.35	
Jails—		
Electricity	1,871.90	
Juvenile Home—		
Gas and Electricity	834.39	
Police Stations—		
Gas and Electricity	1,922.40	
Public Library—		
Gas and Electricity	1,556.85	
Tuberculosis Hospital—		
Gas and Electricity	1,068.33	
Department of Electricity—		
Gas and Electricity	381.60	
Miscellaneous Lighting—		
Gas and Electricity	1,261.47	
		36,597.71

Total Lighting Public Buildings $36,597.71

Forward	$ 1,049,869.48

DEPARTMENT OF JUSTICE

JUSTICE COURT

Forward		$ 1,049,869.48
Salaries—		
Justices of Peace	17,640.00	
Clerk	3,000.00	
Cashier	1,800.00	
Deputies	4,800.00	
Messenger	1,200.00	
		28,440.00
Expense—		
Stationery	876.61	
		876.61
Outlay—		
Furniture	2.50	
		2.50

Total Justice Court $29,319.11

POLICE COURTS

Salaries—		
Judges of Police Courts	14,400.00	
Stenographers	9,600.00	
		24,000.00
Expense—		
Incidentals	84.55	
Stationery	143.07	
		227.62

Total Police Courts $24,227.62

SUPERIOR COURTS

Salaries—		
Judges of Superior Courts	46,566.44	
Secretary to Judges	3,000.00	
Reporters' Fees	22,760.10	
Relief Telephone Operator	112.50	
		72,439.04
Expense—		
Advertising	121.28	
Expert Testimony	285.00	
Ice	168.42	
Incidentals (for Secretary)	23.65	
Forward	$ 598.35	$ 1,175,855.25

DEPARTMENT OF JUSTICE—Continued

Forward	$ 598.35	$ 1,175,855.25
Stationery	1,536.58	
Transcribing Testimony	533.86	
Telephones and Telegrams	179.68	
Water	8.50	
		2,856.97
Outlay—		
Furniture	470.20	
Judgment: Conlon vs. City and County	4,500.00	
Law Books	2,038.65	
Typewriter	90.55	
		7,099.40

Superior Court (Extra Sessions Dept.)

Salaries—		
Judges	3,076.30	
		3,076.30

Total Superior Court $85,471.71

COUNTY CLERK

Salaries—		
County Clerk	3,999.96	
Cashier	1,800.00	
Copyists	37,200.00	
Court Room Clerks (Superior Courts)	24,000.00	
Court Room Clerks (Police Courts)	6,000.00	
Messenger	1,200.00	
Office Clerks	7,150.00	
Register Clerks	2,400.00	
Register Clerks Assistants	24,000.00	
		107,749.96
Expense—		
Carfare	65.15	
Premium on Official Bond	200.00	
Repairs to Safe	2.50	
Stationery	3,894.76	
		4,162.41
Outlay—		
Furniture	121.90	
		121.90

Total County Clerk $112,034.27

Forward	$ 1,300,922.19

DEPARTMENT OF JUSTICE—Continued

CITY ATTORNEY

Forward		$ 1,300,922.19
Salaries—		
City Attorney	4,999.92	
City Attorney Assistants	23,400.00	
Clerks	2,700.00	
Messenger	900.00	
Stenographers	4,200.00	
		36,199.92
Expense—		
Incidentals and Contingent Expenses	2,100.00	
Premium on Official Bond	25.00	
Printing and Stationery	474.31	
Printing Transcript, etc.	2,445.20	
Report on Titles	25.00	
Stenographer (Extra)	575.00	
Transportation: J. F. English to Washington, D. C.	500.00	
		6,144.51
Outlay—		
Furniture	156.00	
Law Books	388.05	
Typewriter	113.43	
		657.48

Total City Attorney $43,001.91

DISTRICT ATTORNEY

Salaries—		
District Attorney	4,999.92	
District Attorney (Assistants) Superior and Police Courts	32,400.00	
Bond and Warrant Clerk and Assistants	9,000.00	
Bookkeeper	1,200.00	
Clerks	3,000.00	
Messenger	1,500.00	
Stenographers	2,550.00	
		54,649.92
Expense—		
Auto Hire	546.85	
Expert Services (Handwriting)	606.15	
Expenses (Extraordinary)	2,582.32	
Forward	$ 3,735.32	$ 1,398,574.02

DEPARTMENT OF JUSTICE—Continued

Forward	$ 3,735.32	$ 1,398,574.02
Ice	54.80	
Premium on Official Bond	75.00	
Serving Subpoenas	9.40	
Stationery, etc.	928.16	
Stenographing	1,431.35	
Transcribing Testimony	355.00	
Transportation (Special Services)	91.90	
Telegrams	78.33	
		6,759.26
Outlay—		
Furniture	795.65	
Law Books	13.00	
		808.65

Total District Attorney $62,217.83

GRAND JURY

Salaries—		
Compensation of Jurors	2,238.00	
		2,238.00
Expense—		
Expert Services	2,230.00	
Incidentals	26.00	
Livery and Auto Hire	115.50	
Stationery	32.01	
Transcribing Testimony	1,451.39	
Water	17.00	
		3,871.90

Total Grand Jury $6,109.90

INSANE

Expense—		
Examination of Insane	225.00	
Expert Testimony	10,130.00	
		10,355.00

Total Insane $10,355.00

INTERPRETERS

Salaries—		
Superior Courts, Criminal, and Police Courts	9,477.00	
		9,477.00

Total Interpreters $9,477.00

Forward	$ 1,432,083.83

DEPARTMENT OF JUSTICE—Continued

JURORS' FEES

Forward		$ 1,432,083.83
Expense—		
Jurors' Fees, Superior Court, Dept. No. 6	8,138.00	
Jurors' Fees, Superior Court, Dept. No. 11	10,316.00	
Jurors' Fees, Superior Court, Dept. No. 12	10,179.00	
Witness Expenses	3,238.60	
		31,871.60

Total Jurors' Fees $31,871.60

JURY EXPENSES CRIMINAL TRIALS

Expense—		
Meals	801.00	
		801.00

Total Jury Expenses $801.00

LAW LIBRARY

Salaries—		
Librarian	3,600.00	
Messenger	1,200.00	
		4,800.00
Expense—		
Stationery	147.45	
		147.45

Total Law Library $4,947.45

SHERIFF'S OFFICE

Salaries—		
Sheriff	7,999.92	
Under Sheriff	2,400.00	
Attorney	1,800.00	
Bailiffs	21,600.00	
Bookkeeper and Assistants	5,400.00	
Cashier	2,400.00	
Deputies	17,100.00	
Stenographer	1,200.00	
Bookkeeper for Jails	1,500.00	
Forward	$ 61,399.92	$ 1,469,703.88

DEPARTMENT OF JUSTICE—Continued

Forward	$ 61,399.92	$ 1,469,703.88
Commissary	1,500.00	
Cooks	1,800.00	
Druggist	1,200.00	
Guards (Jail)	13,130.00	
Guards (Road)	5,367.50	
Jailers	11,781.06	
Keepers	13,601.90	
Matron	37.50	
Superintendent of Jails	1,800.00	
Chief Jailer	1,800.00	
Van Drivers	1,800.00	
		115,217.88
Expense—		
Blacksmithing and Wagon Repairs	383.79	
Hardware	682.23	
Horseshoeing and Clipping	541.00	
Incidentals	10.46	
Livery	525.00	
Mileage	1,602.35	
Premium on Official Bond	300.00	
Transportation of Prisoners	208.45	
		4,253.28
Outlay—		
Harness	226.51	
		226.51

SUBSISTENCE OF PRISONERS (JAILS)

Expense—		
Bread	1,861.37	
Drugs and Medicines	410.71	
Dry Goods and Clothing	3,855.16	
Fruit and Vegetables	3,804.78	
Fuel	3,928.73	
Groceries	11,069.50	
Ice	521.00	
Incidentals	370.46	
Liquors	320.57	
Meat, Fish and Poultry	10,428.85	
Milk	1,397.88	
Shoes and Findings	1,032.97	
Tobacco	139.05	
		39,141.03
Forward		$ 1,628,542.58

DEPARTMENT OF JUSTICE—Continued

MAINTENANCE OF JAILS

Forward		$ 1,628,542.58
Expense—		
Electrical Supplies	156.12	
Forage	4,555.42	
Janitor Supplies (Cleaning)	333.98	
Lime and Cement	77.53	
Lumber	179.86	
Paints and Oils	239.94	
Plants	61.87	
Plumbing	99.25	
Rubber Goods	31.25	
Serving Subpoenas	180.50	
Stationery	1,405.26	
Telephone	4.30	
		7,325.28
Outlay—		
Furniture	83.94	
Hardware	1.03	
		84.97
Total Sheriff's Office $166,248.95		

JUVENILE COURT

Salaries—		
Probation Officer	2,700.00	
Chief Assistant and Assistants (Probation Officers)	17,850.00	
Clerks and Filing Clerk	1,915.00	
Collector	1,320.00	
Stenographers	2,880.00	
		26,665.00
Expense—		
Expenses (Court Orders)	2,791.18	
Stationery	976.47	
		3,767.65
Total Juvenile Court $30,432.65		
Forward		$ 1,666,385.40

PROTECTION OF LIFE AND PROPERTY

BUREAU OF BUILDING INSPECTION

Forward		$ 1,666,385.40
Salaries—		
Chief Building Inspector	3,600.00	
Chief Assistants	16,800.00	
Boiler Inspector	1,800.00	
Clerks	1,800.00	
Clerk Stenographer	2,400.00	
Light and Water Inspectors	3,712.25	
Structural Engineer	2,400.00	
Inspector of House Numbers	2,100.00	
		34,612.25
Total Bureau of Building Inspection	$34,612.25	

DEPARTMENT OF ELECTRICITY

Salaries and Wages—		
Electrician (Chief)	3,000.00	
Electrician (Assistant)	2,400.00	
Batteryman	1,500.00	
Bookkeeper and Secretary	2,100.00	
Bricklayer	21.00	
Carpenters	20.00	
Clerk	1,200.00	
Engineer	1,044.20	
Fire Alarm Operators	12,293.95	
Hodcarriers	15.00	
Hostler	1,187.05	
Inspectors	7,750.00	
Instrument Makers	6,292.50	
Laborers	3,573.50	
Linemen	23,678.05	
Machinists	2,970.00	
Messenger	1,020.00	
Painters	915.90	
Repairer	1,001.70	
Superintendent Outside Construction	1,800.00	
Supervisor Aerial Construction	1,500.00	
Splicers	1,776.50	
Stenographer	1,200.00	
Forward	$ 78,259.35	$ 1,700,997.73

PROTECTION OF LIFE AND PROPERTY—Continued

Forward	$ 78,259.35	$ 1,700,997.73
Storekeeper	1,200.00	
Telephone Operators	3,893.75	
		83,353.10
Expense—		
Auto Supplies	620.07	
Blacksmithing	83.50	
Carfare, etc.	311.50	
Fuel	134.08	
Hardware	1,389.41	
Incidentals	218.03	
Lime and Cement	31.89	
Livery	1,075.85	
Lumber	171.94	
Paints and Oils	242.74	
Plumbing Material	164.83	
Removing Garbage	9.00	
Repairs to Streets	339.29	
Stationery	720.98	
Water	10.00	
		5,523.11
Outlay—		
Automobile	2,300.00	
Castings	700.72	
Cross Beams	56.00	
Electrical Supplies	6,658.89	
Furniture	201.50	
Gasoline	370.80	
Iron and Steel	114.63	
Wagons	213.00	
Wire and Cable	2,377.07	
		12,992.61

Total Dept. of Electricity, $101,868.82

CENTRAL FIRE ALARM STATION AND EQUIPMENT

Salaries—		
Civil Engineers	978.20	
Draftsmen	3,423.60	
Designer	446.00	
Electrical Engineer	600.00	
Forward	$ 5,447.80	$ 1,802,866.55

PROTECTION OF LIFE AND PROPERTY—Continued

Forward	$ 5,447.80	$ 1,802,866.55
Inspector	55.00	
Structural Engineer	270.95	
Stenographer	85.00	
Surveyor	37.25	
		5,896.00
Outlay—		
Blue Prints	82.00	
Fire Proofing	5,009.93	
		5,091.93

Total Central Fire Alarm Station and Equipment $10,987.93

FIRE DEPARTMENT

Salaries—		
Commissioners	4,800.00	
Secretary	2,400.00	
Chief Engineer	5,000.00	
Chief Engineer (Assistants)	621.10	
Battalion Chiefs	34,213.65	
Blacksmiths	7,000.85	
Boilermakers	2,809.45	
Brass Finisher	1,408.50	
Commissary	1,800.00	
Draymen	3,600.00	
Employees of Fire Engine Co.'s	738,026.75	
Employees of Chemical Engine Co.'s	76,280.85	
Employees of Fire Boat Co.'s	74,347.50	
Employees of Hook and Ladder Co.'s	210,279.20	
Employees of Monitor Battery Co.'s	3,960.70	
Employees of Relief Co.'s	8,232.65	
Employees of Water Tower Co.'s	12,335.40	
Employees of New Co.'s	14,752.85	
Foremen	1,429.40	
Harness Makers	5,512.75	
Helpers (General)	5,813.45	
Horse Shoers	6,150.00	
Hostlers	9,573.35	
Hydrantmen	8,400.00	
Machinists	9,766.05	
Mill Hands	1,525.50	
Forward	$ 1,250,039.95	$ 1,813,854.48

PROTECTION OF LIFE AND PROPERTY—Continued

Forward	$ 1,250,039.95	$ 1,813,854.48
Operators	17,806.40	
Painters	5,775.90	
Pattern Maker	1,640.65	
Physician and Surgeon	1,800.00	
Steamfitter	1,868.25	
Stenographer	1,800.00	
Superintendent of Engines	2,700.00	
Superintendent of Horses	1,860.00	
Veterinary Surgeon	1,200.00	
Watchmen	5,983.90	
		1,292,475.05
Expense—		
Advertising	194.37	
Auto Supplies and Repairs	4,541.23	
Badges	295.85	
Copperwork	106.00	
Drugs and Chemicals	1,102.98	
Electricity and Gas	4,942.92	
Engine Repairs	1,131.45	
Forage	52,129.25	
Fuel and Oil	24,857.17	
Gasoline	2,258.02	
Hardware	5,144.15	
Horseshoeing	343.58	
Hydrants Reset	3,127.90	
Lumber and Mill Work	353.09	
Pads for Horses	4,463.04	
Painting Hydrants	118.75	
Paints and Oils	583.97	
Photo Supplies	65.48	
Premium on Official Bonds	128.00	
Removing Garbage	2,376.00	
Repairs to Fire Boats	1,637.50	
Repairs (Sundry)	255.48	
Rubber Goods	1,030.34	
Rent	1,740.00	
Stable Supplies	472.43	
Subscription to Papers	25.55	
Water	5,504.99	
Water for Fire Boats	2,480.08	
Forward	$ 121,409.57	$ 3,106,329.53

PROTECTION OF LIFE AND PROPERTY—Continued

Forward	$ 121,409.57	$ 3,106,329.53
Water for Hydrants	131,201.96	
Waterproof Dressing	165.10	
Stationery and Printing	3,279.19	
		256,055.82
Outlay—		
Automobile Apparatus	1,983.00	
Automobile Motor Truck	11,297.60	
Automobile Chemical Engines	34,281.00	
Clocks	135.20	
Castings	1,041.18	
Electrical Supplies	522.65	
Fire Extinguisher	143.50	
Flags	18.10	
Furniture	2,547.48	
Gas Ranges	25.48	
Hardware and Engine Supplies	6,703.63	
Harness	1,474.59	
Helmets	159.00	
Horses	3,626.40	
Hose	31,165.23	
Hydrants	4,243.12	
Iron and Steel	2,341.39	
Lamps, etc.	1,496.06	
Machinery, etc.	5,018.47	
Oil Storage System	1,547.38	
Oxygen Apparatus	1,652.25	
Sundries	1,012.61	
Tires	711.84	
		113,147.16

Alterations and Repairs, General

Salaries—		
Clerks	250.00	
Carpenters	6,150.50	
Cement Finishers	194.00	
Civil Engineers	150.00	
Glazier	243.75	
Locksmith	7.50	
Laborers	163.15	
Pavers and Rammers	36.50	
Forward	$ 7,195.40	$ 3,475,532.51

PROTECTION OF LIFE AND PROPERTY—Continued

Forward	$ 7,195.40	$ 3,475,532.51
Plumbers	1,751.00	
Painters	1,955.75	
Surveyor	25.00	
Tinners	2,364.00	
Teamsters	673.10	
Wiremen	382.50	
		14,346.75
Expense—		
Carfare	55.20	
Cement	96.64	
Fuel	8.80	
Electrical Supplies	194.10	
Glass	181.33	
Gravel and Rock	43.63	
Hardware	642.94	
Incidentals	63.69	
Lumber	2,293.80	
Paints and Oils	327.24	
Plumbing	1,442.91	
Rubber Goods	72.60	
Radiators	307.00	
Roofing	484.24	
Repairs to Pumping Station	746.50	
		6,960.62

Fire Department Buildings (Special)

Expense—		
Altering Drill Tower	2,391.42	
		2,391.42

Engine House No. 3

Expense—		
Lumber	356.65	
		356.65

Engine House No. 48

Salaries and Wages—		
Chemist	41.40	
Draftsman	179.45	
Engineer	48.50	
Inspector	687.45	
		956.80
Forward		$ 3,500,544.75

PROTECTION OF LIFE AND PROPERTY—Continued

Forward		$ 3,500,544.75
Outlay—		
Construction	17,163.00	
		17,163.00
Engine House No. 12		
Salaries and Wages—		
Carpenters	140.50	
Inspectors	55.00	
Plumbers	99.00	
Laborers	21.00	
Teamsters	32.75	
Tinners	8.50	
		356.75
Outlay—		
Construction	1,722.07	
		1,722.07
Engine House No. 26		
Expense—		
Hardware	51.36	
		51.36
Engine House No. 24		
Salaries and Wages—		
Inspector	770.15	
Superintendent of Electricity	70.20	
Surveyor	61.60	
		901.95
Outlay—		
Construction	25,888.00	
		25,888.00
Fire Boat		
Outlay—		
Hose Rack	44.58	
		44.58
Plans of Fire Houses		
Salaries and Wages—		
Architects	2,160.00	
Designer	50.80	
Forward	$ 2,210.80	$ 3,546,672.46

PROTECTION OF LIFE AND PROPERTY—Continued

Forward	$ 2,210.80	$ 3,546,672.46
Draftsman	733.85	
Engineer	78.10	
Photographer	15.00	
Surveyor	54.10	
		3,091.85

Auxiliary Fire Account

Salaries—		
Chief Engineer and Assistants	7,755.00	
Firemen	5,683.35	
		13,438.35
Expense—		
Stationery	25.71	
Water	5,506.79	
		5,532.50

Distributing System

Salaries and Wages—		
Superintendent	1,533.35	
Caulker	728.00	
Keepers	1,420.00	
Gatemen	6,530.05	
Laborers	1,847.00	
		12,058.40

Total Fire Department $1,766,939.08

POLICE DEPARTMENT.

Salaries—		
Commissioners	4,800.00	
Chief of Police	3,975.96	
Chief of Police (Secretary)	1,433.33	
Clerk to Chief of Police	2,376.00	
Property Clerk	2,376.00	
Police Surgeon	1,433.33	
Secretary	1,500.00	
Stenographer	3,966.66	
Captain of Detectives	2,976.00	
Captains of Police	21,329.72	
Lieutenants of Police	32,553.87	
Sergeants of Police	87,627.26	
Sergeants (Detectives)	43,907.30	
Forward	$ 210,255.43	$ 3,580,793.56

PROTECTION OF LIFE AND PROPERTY—Continued

Forward	$ 210,255.43	$ 3,580,793.56
Corporals of Police	85,498.10	
Patrolmen	1,073,772.63	
Police Protective Women	2,509.98	
Patrol Drivers	31,146.66	
Hostlers	9,720.00	
Matrons	4,080.00	
Telephone Operators	3,750.00	
Cook	1,200.00	
Engineers Police Boats	4,500.00	
		1,426,432.80

Police Contingent Expenses

Expense—		
Expenses	7,999.92	
		7,999.92

Maintenance of Police Patrol

Expense—		
Badges	157.50	
Blacksmithing and Wagon Repairs	600.62	
Boarding Horses	612.90	
Cartage	10.50	
Clock Repairs	11.50	
Chemicals	385.27	
Dry Goods	214.20	
Damages	57.00	
Electrical Supplies	104.00	
Forage	12,579.26	
Fuel	169.13	
Groceries	99.39	
Hardware	638.32	
Horseshoeing and Clipping	3,166.25	
Paints and Oils	21.60	
Photo Supplies	236.58	
Rubber Goods	51.91	
Stable Supplies	439.90	
Stationery	5,984.97	
Scavenger Service	564.00	
Towel Service	89.50	
Veterinary Services	336.25	
		26,530.55
Forward		$ 5,041,756.83

PROTECTION OF LIFE AND PROPERTY—Continued

Forward		$ 5,041,756.83
Outlay—		
Furniture	311.90	
Harness	641.20	
Horses	1,235.00	
Lamps	425.95	
Motor and Auto Repairs and Supplies	313.66	
Typewriters and Supplies	616.99	
		3,544.70

Total Maintenance Police Patrol $30,075.25

Subsistence of Prisoners

Expense—		
Bread	1,338.74	
Drugs and Medical Supplies	44.62	
Dry Goods and Clothing	736.13	
Fruits and Vegetables	446.40	
Fuel	295.00	
Groceries	1,250.60	
Hardware	125.15	
Incidentals	70.30	
Ice	201.95	
Janitor Supplies	393.16	
Laundry	113.10	
Meats, Poultry and Fish	2,578.12	
Milk	240.90	
Rubber Goods	24.00	
Shoes	179.76	
		8,037.93
Outlay—		
Furniture	2,471.75	
Filter	6.00	
		2,477.75

Total Subsistence of Prisoners $10,515.68

Police Maintenance

Expense—		
Advertising	1.42	
Auto Supplies	176.15	
Brushes	30.57	
Fuel	1,097.85	
Gasoline	635.03	
Forward	$ 1,851.02	$ 5,055,817.21

PROTECTION OF LIFE AND PROPERTY—Continued

Forward	$ 1,851.02	$ 5,055,817.21
Ice	5.20	
Laundry	351.25	
Photo Supplies	1,627.81	
Premium on Official Bond	100.00	
Sundries	31.32	
Transportation	70.00	
Repairs to Autos and Wagons	2,132.31	
Repairs to Launch	1,352.14	
Repairs to Typewriter	14.00	
Repairs and Equipment of Motorcycles	1,102.89	
Repairs and Equipment of Automobiles	5,611.40	
		14,339.34
Outlay—		
Automobile Patrol	10,800.00	
Motorcycles	6,073.94	
		16,873.94

Total Police Maintenance $31,213.28

Harbor Police Station Construction

Salaries—		
Chemist	73.05	
Designer	51.55	
Draftsman	335.65	
Electrician	323.05	
Engineers	48.00	
Inspectors	866.55	
Photographer	17.50	
Stenographer	48.00	
Surveyor	147.10	
		1,910.45
Expense—		
Auto Service	135.00	
Blue Prints	59.30	
		194.30
Outlay—		
Construction of Building	33,912.35	
Iron Sockets	277.50	
		34,189.85

Total Harbor Police Station $36,294.60

Forward	$ 5,123,325.09

PROTECTION OF LIFE AND PROPERTY—Continued

Repairs to Police Stations

Forward		$ 5,123,325.09
Salaries—		
Carpenters	1,477.50	
Clerks	175.00	
Concreteman	66.50	
Glazier	37.50	
Laborer	36.00	
Locksmith	198.75	
Painters	984.00	
Plumbers	1,366.50	
Tinners	438.75	
Wiremen	516.25	
		5,296.75
Expense—		
Carfare	120.30	
Electrical Supplies	16.15	
Hardware	424.44	
Lumber	500.00	
Paints	61.05	
Removing Garbage	29.25	
Teaming	84.20	
		1,235.39

Total Repairs to Police Stations $6,532.14

Total Police Department $1,549,063.67

EMERGENCY HOSPITAL

Salaries—		
Chief Surgeon	2,400.00	
Assistant Surgeons	19,800.00	
Matrons	2,618.25	
Nurses	6,231.60	
Steward	2,100.00	
Assistant Stewards	23,707.60	
Drivers of Ambulances	16,671.00	
Seamstress	748.00	
Stenographers	960.00	
		75,236.45

(Vacation Salaries included in above)

Forward	$ 5,205,093.68

PROTECTION OF LIFE AND PROPERTY—Continued

Forward		$ 5,205,093.68
Expense—		
Auto Supplies	1,513.86	
Bread	349.53	
Drugs and Medical Supplies	1,974.24	
Dry Goods	673.00	
Electrical Supplies	95.91	
Forage	1,852.75	
Groceries	1,189.36	
Hardware	57.82	
Horseshoeing and Clipping	494.00	
Ice	195.01	
Incidentals	269.71	
Janitor Supplies	78.93	
Liquors	89.46	
Meats, Poultry and Fish	954.69	
Milk and Cream	391.98	
Paints	17.50	
Printing and Stationery	711.59	
Repairs (Sundry)	422.65	
Removing Garbage	240.00	
Rent of Stables	1,800.00	
Rubber Goods	53.88	
Transportation	440.00	
Veterinary Services	27.50	
		13,893.37
Outlay—		
Auto Ambulance	3,656.08	
Furniture	95.50	
Harness	29.79	
Surgical Instruments	1,020.89	
Sterilizer	325.00	
		5,127.26

Total Emergency Hospital $94,257.08

Plans for Potrero Emergency Hospital

Salaries—		
Architect	360.00	
		360.00
Outlay—		
Plans	180.00	
		180.00
Forward		$ 5,224,654.31

PROTECTION OF LIFE AND PROPERTY—Continued

Forward		$ 5,224,654.31

Purchase of Pulmoter (Harbor Emergency Hospital)

Outlay—		
Pulmoter	199.00	
Oxygen	66.50	
		265.50

Painting Central Emergency Hospital

Salaries and Wages—		
Carpenters	7.00	
Painters	190.40	
		197.40
Expense—		
Paints ,etc.	48.93	
		48.93

Total of all Emergency Hospitals $95,308.91

SEALERS OF WEIGHTS AND MEASURES

Salaries—		
Sealer and Deputies	5,986.65	
		5,986.65
Expense—		
Livery	621.00	
Stationery	201.43	
		822.43
Outlay—		
Furniture	355.60	
Scale Weights	39.00	
Typewriter	67.90	
		462.50

Total Sealer of Weights and Measures $7,271.58

PUBLIC POUND

Expense—		
Maintenance of Animals' Home	10,914.30	
		10,914.30

Total Public Pound $10,914.30

Forward		$ 5,243,352.02

PROTECTION OF LIFE AND PROPERTY—Continued

RECORDER'S OFFICE

Forward		$ 5,243,352.02
Salaries—		
Recorder	3,999.96	
Chief Clerk	2,400.00	
Clerks (Regular)	13,500.00	
Clerks (Folio)	35,429.70	
Deputies	9,000.00	
Machinist	1,500.00	
Messenger	111.65	
		65,941.31
Expense—		
Incidentals	18.86	
Premium on Official Bond	35.00	
Restoring Maps	37.70	
Stationery	2,290.45	
		2,382.01
Outlay—		
Furniture	773.40	
Typewriter	500.00	
		1,273.40

Total Recorder's Office $69,596.72

PUBLIC ADMINISTRATOR

Expense—		
Advertising	106.31	
Premium on Official Bond	250.00	
		356.31

Total Public Administrator $356.31

Forward		$ 5,313,305.05

CONSERVATION OF HEALTH

DEPARTMENT OF HEALTH (GENERAL OFFICE)

Forward		$ 5,313,305.05
Salaries—		
Health Officer	2,040.00	
Chief Clerk	2,700.00	
Auditor Clerk	2,220.00	
Bacteriologist and Assistant	2,895.00	
Chemist and Assistant	4,612.60	
Clerks	7,905.00	
Director of Laboratories	3,600.00	
Disinfectors	3,000.00	
Dairy (Inspectors)	2,760.00	
Food (Inspectors)	2,880.00	
Health (Inspectors)	12,005.00	
Industrial (Inspectors	2,760.00	
Market (Inspectors)	19,178.20	
Plumbing (Inspectors)	10,920.00	
Sanitary (Inspectors)	9,240.00	
Medical Examiners	4,220.00	
Mechanics	412.10	
Stenographers	3,300.00	
Telephone Operators	944.00	
Veterinary Surgeon (Dairy and Market)	7,975.00	
		105,566.90
Expense—		
Advertising	136.80	
Animals and Cost of Feeding	243.19	
Auto Supplies and Repairs	509.69	
Drugs and Chemicals	888.39	
Electrical Material	57.70	
Expressage	29.62	
Filters	12.99	
Hardware	130.16	
Ice	178.75	
Incidentals and Carfare	4,034.81	
Janitor Supplies	111.86	
Laboratory Supplies	606.05	
Lamps	51.15	
Forward	$ 6,991.16	$ 5,418,871.95

CONSERVATION OF HEALTH—Continued

Forward	$ 6,991.16	$ 5,418,871.95
Livery and Transportation	4,228.05	
Lumber	84.76	
Painting Signs	54.00	
Paints and Oils	110.29	
Removal of Garbage	60.00	
Rents, Including Detention and Harbor Hospital	9,150.00	
Repairs and Rent of Typewriters	215.80	
Rubber Goods	41.72	
Stationery and Printing	3,563.57	
Telegrams	27.44	
Towel Service	36.00	
		24,562.79
Outlay—		
Adding Machine, etc	138.51	
Furniture	119.06	
Optical Goods, etc	215.12	
Surgical Instruments	212.97	
Painting and Repairs to Gen. Office	617.98	
		1,303.64

Total Health Office (General) $131,433.33

TUBERCULOSIS HOSPITAL

Salaries—		
Resident Physician	1,800.00	
Chambermaids	120.00	
Cooks	2,202.00	
Commissary	1,125.00	
Gateman	1,835.00	
Helpers	2,079.40	
Internes	1,012.00	
Superintendent of Nurses	1,080.00	
Graduate Nurses	2,288.00	
Pupil Nurses	753.55	
Male Nurses	317.70	
Morgue Tender	240.00	
Orderlies	2,000.85	
Pantrymen	1,103.40	
Telephone Operator	720.00	
Waiters	1,393.40	
Forward	$ 20,070.30	$ 5,444,738.38

CONSERVATION OF HEALTH—Continued

Forward	$ 20,070.30	$ 5,444,738.38
Wardmen	1,125.95	
Watchman	18.35	
Yardman	895.50	
Miscellaneous (Carpenters, etc.)	669.90	
		22,780.00
Expense—		
Awning	10.18	
Bread	1,345.45	
Drugs	2,529.22	
Dry Goods	2,632.96	
Electrical Material	88.19	
Fruits and Vegetables	2,743.86	
Fuel	1,492.97	
Forage	97.67	
Groceries	10,875.79	
Hardware	593.78	
Incidentals	387.75	
Ice and Ice Cream	939.90	
Laundry	2,451.11	
Liquors	115.31	
Meat, Poultry and Fish	8,321.97	
Milk and Cream	5,245.68	
Paints and Oils	503.25	
Plumbing Material	135.08	
Rent	600.00	
Removal of Garbage	360.00	
Rubber Goods	328.31	
Stationery and Printing	316.77	
Sundry Repairs	142.55	
Shoes and Leather	122.74	
		42,380.49
Outlay—		
Furniture	1,409.44	
Kitchen Furniture	686.18	
Repairs to Hospital	954.46	
Refrigerator	46.25	
Surgical Instruments	294.81	
		3,391.14
Total Tuberculosis Hospital $68,551.63		
Forward		$ 5,513,290.01

CONSERVATION OF HEALTH—Continued

ISOLATION HOSPITAL

Forward		$ 5,513,290.01
Salaries—		
Attendants	400.00	
Cooks	2,116.50	
Carpenters	17.50	
Helpers	900.00	
Gardener	829.50	
Laundryman	1,305.85	
Nurses	3,225.55	
Pupil Nurses	764.60	
Physician	2,504.00	
Stenographer	1,080.00	
Substitutes During Vacation	324.85	
Watchmen	1,854.00	
Wireman	12.00	
		15,334.35
Expense—		
Auto Supplies	489.46	
Bread	434.64	
Cartage	346.72	
Christmas Presents to Lepers	280.16	
Drugs	2,080.85	
Dry Goods	481.71	
Fertilizer	12.50	
Forage	285.49	
Fruit and Vegetables	966.87	
Freight	10.06	
Fuel	763.60	
Groceries	2,166.22	
Garbage Removal	150.00	
Hardware	145.74	
Horseshoeing	99.00	
Incidentals	119.31	
Ice	264.30	
Janitor Supplies	393.47	
Kitchen Supplies	113.56	
Lamps	40.65	
Liquors	108.68	
Lumber	78.81	
Meat, Poultry and Fish	3,196.03	
Forward	$ 13,027.83	$ 5,528,624.36

CONSERVATION OF HEALTH—Continued

Forward	$ 13,027.83	$ 5,528,624.36
Milk and Cream	1,021.46	
Paints and Oils	65.60	
Rubber Goods	90.27	
Stationery and Printing	107.22	
Shoes and Leather	28.13	
Seeds	7.00	
Sundry Repairs	241.55	
Wagon Repairs	103.10	
		14,692.16
Outlay—		
Constructing Cottage	207.50	
Furniture	21.60	
Furnishing Cottage	1,097.42	
Repairs to Cottage	2,805.43	
Surgical Instruments	174.40	
		4,306.35

Total Isolation Hospital $34,332.86

SPECIAL SANITATION

Salaries—		
Bacteriologist and Assistants	225.00	
Carpenter	84.00	
Inspectors	7,193.35	
Storekeeper	780.00	
		8,282.35
Expense—		
Bread	366.59	
Drugs	1,072.35	
Dry Goods	17.16	
Electrical Supplies	480.48	
Forage	324.57	
Groceries	243.71	
Hardware	157.54	
Ice	77.40	
Incidentals	607.30	
Lamps	3.28	
Meats	494.00	
Optical and Photo Supplies	90.12	
Printing and Stationery	325.09	
Rat Traps	1,058.42	
Forward	$ 5,318.01	$ 5,555,905.22

CONSERVATION OF HEALTH—Continued

Forward	$ 5,318.01	$ 5,555,905.22
Rubber Goods	57.69	
Removal of Garbage	69.60	
Rent	734.00	
Sundries	236.62	
Water	21.90	
		6,437.82
Outlay—		
Surgical Instruments	278.23	
		278.23

Total Special Sanitation $14,998.40

CLEANING AND REPAIRS TO SEWERS

Salaries and Wages—		
Superintendent	3,000.00	
Bricklayers	10,175.50	
Carpenters	607.95	
Cribbers	14,028.65	
Foreman	10,657.10	
Glazier	2.50	
Hod Carriers	7,744.40	
Laborers	19,102.00	
Painter	26.00	
Sewer Cleaners	21,778.25	
Teamsters	34,244.20	
Watchmen	8,665.00	
		130,031.55
Expense—		
Auto Supplies	679.57	
Blacksmithing and Tool Repairs	722.73	
Cement	2,783.00	
Cartage	245.80	
Dry Goods	16.35	
Electrical Supplies	115.70	
Fuel	18.14	
Gas	678.72	
Hardware	648.18	
Incidentals	248.65	
Leather Goods	106.48	
Livery	956.65	
Lumber	2,688.96	
Forward	$ 9,908.93	$ 5,692,652.82

CONSERVATION OF HEALTH—Continued

Forward	$ 9,908.93	$ 5,692,652.82
Lamps	73.60	
Oils	264.78	
Rubber Goods	204.00	
Sundry Repairs	265.60	
Telephone Service	2.05	
		10,718.96
Outlay—		
Brick	1,458.55	
Hose	805.50	
Iron Frames	3,104.44	
Jute Bags	240.26	
Repairs to Outlet (Relief Home Sewer)	635.50	
Sewer Pipe	3,419.73	
		9,663.98

Total Cleaning and Repairs to Sewer $150,414.49

CLEANING AND SWEEPING STREETS

Salaries and Wages—		
Superintendent and Assistants	4,800.00	
Blacksmiths	2,585.75	
Clerks	4,120.00	
Carpenters	165.00	
Foremen	20,748.10	
Painters (Wagon)	1,526.50	
Plumbers	24.00	
Sweepers	148,420.45	
Tinners	184.50	
Teamsters	130,841.00	
Watchmen	7,566.20	
		320,981.50
Expense—		
Auto Supplies	656.01	
Auto Hire	465.00	
Brooms and Brushes	1,412.82	
Chemicals	34.00	
Fuel	102.40	
Gas and Electricity	60.15	
Incidentals	169.85	
Lumber	144.35	
Forward	$ 3,044.58	$ 6,034,017.26

CONSERVATION OF HEALTH—Continued

Forward	$ 3,044.58	$ 6,034,017.26
Paints and Oils	388.55	
Rubber Goods	789.73	
Teaming	5,376.15	
Wagon Repairs	1,862.48	
Water	4,443.06	
		15,904.55
Outlay—		
Badges	10.50	
Electrical Supplies	180.44	
Garbage Cans	1,820.00	
Hardware and Tools	1,983.82	
Lamps	44.88	
Machinery	1,716.86	
Steel Tanks	132.50	
Wagons	4,765.00	
		10,654.00
Total Cleaning and Sweeping Streets $347,540.05		
Forward		$ 6,060,575.81

HIGHWAYS

REPAIRS TO STREETS

Forward		$ 6,060,575.81
Salaries and Wages—		
Superintendent and Assistants	5,400.00	
Superintendent of Paving and Assistants	5,700.00	
Clerks	2,960.00	
Stenographers	1,423.40	
Asphaltmen	41,281.10	
Bricklayers	377.15	
Blacksmiths	2,614.75	
Carpenters	3,971.55	
Cement Finishers	5,634.60	
Engineers (Civil)	198.40	
Engineers (Stationary)	5,119.70	
Engineers (Steam Roller)	11,116.50	
Foreman (Teamsters)	1,800.00	
Foreman (Asphalt)	11,987.70	
Foreman (Laborers)	5,642.00	
Glazier	7.50	
Granite Cutters	28,972.45	
Hodcarriers	239.40	
Laborers	119,646.65	
Painters	227.50	
Paver Foreman	2,100.00	
Pavers	50,056.50	
Plumbers	187.50	
Quarrymen	7,482.90	
Rammers	23,737.25	
Teamsters	153,121.65	
Tinners	115.50	
Watchmen	4,111.25	
Wireman	215.00	
		495,447.90
Expense—		
Auto Hire	360.00	
Auto Supplies	399.20	
Boiler Repairs	423.70	
Boiler Compound	90.18	
Forward	$ 1,273.08	$ 6,556,023.71

HIGHWAYS—Continued

Forward	$ 1,273.08	$ 6,556,023.71
Cartage	2,694.61	
Chemicals	103.30	
Carfare	636.70	
Electrical Supplies	577.86	
Electric Power	1,281.44	
Forage	377.41	
Freight	114.42	
Fuel	10,665.79	
Glass	51.50	
Grouting	28,422.39	
Hardware	1,210.39	
Hauling Debris	1,416.95	
Horseshoeing	102.00	
Lamps	74.50	
Livery	2,710.50	
Paints and Oils	2,505.59	
Plumbing Supplies	847.69	
Rent of Heaters	3,697.95	
Rent of Roller	215.00	
Rubber Goods	167.50	
Stationery	59.01	
Sundries	434.37	
Telephone and Telegraph Repairs	202.99	
Wagon Repairs	712.53	
Water	1,555.79	
		62,111.26
Outlay—		
Asphalt	28,272.12	
Basalt Blocks	18,994.02	
Brick	1,399.95	
Brick (Vitrified)	11,310.00	
Cement	20,124.05	
Curbing	4,130.56	
Furniture	140.92	
Fire Boxes	508.19	
Gasoline and Kerosene	3,415.80	
Harness	33.85	
Hose	524.68	
Hardware and Tools	4,969.78	
Lime and Dust	3,695.69	
Forward	$ 97,516.71	$ 6,618,134.97

HIGHWAYS—Continued

Forward	$ 97,516.71	$ 6,618,134.97
Lumber	5,830.64	
Machinery	6,035.79	
Powder	355.11	
Rock, Sand and Gravel	30,255.83	
Signs	223.00	
Trucks	150.00	
		140,369.98

Total Repair to Streets $697,929.14

SPECIAL FUNDS: STREETS

Repairs Sidewalks Front Columbia Square

Expense—		
Sidewalk Repairs	95.63	
		95.63

Purchase of Right of Way

Purchase of Land	17,015.00	
		17,015.00

Water Troughs

Water and Water Troughs	2,850.57	
		2,850.57

Repairing Twentieth St. (Dolores to Church)

Repairs	2,262.40	
		2,262.40

Cutting Plymouth Ave. Through to Ocean Ave. and Purchase of Land

Purchase of Land	6,000.00	
Appraisement	20.00	
Construction	1,950.00	
Insurance Policy	45.00	
		8,015.00

Total $8,015.00

Forward	$ 6,788,743.55

HIGHWAYS—Continued

Forward		$ 6,788,743.55
San Bruno Ave. (Additional)		
Salaries—		
Inspector	460.00	
		460.00
Expense—		
Grading and Construction	18,941.90	
Incidentals	375.00	
Paving	20.00	
		19,336.90
Total $19,796.90		
Improvements of Lincoln Way		
Salaries—		
Inspectors	505.00	
		505.00
Expense—		
Curbing	384.38	
Construction of Street Work	12,308.21	
Filling in Roadway	1,980.00	
		14,672.59
Total $15,177.59		
Improvements of Fulton St.		
Salaries—		
Inspectors	1,067.50	
		1,067.50
Expense—		
Curbing	21,149.48	
Construction and Grading	36,485.21	
Sidewalks	3,185.23	
		60,819.92
Total $61,887.42		
Improvements of Streets Around Buena Vista Park		
Salaries—		
Inspector	340.00	
		340.00
Expense—		
Curbing	1,185.75	
Construction	7,842.87	
		9,028.62
Total $9,368.62		
Forward		$ 6,894,974.08

HIGHWAYS—Continued

Forward		$ 6,894,974.08
Improvements of Ocean Ave. (City's Portion)		
Salaries—		
Inspectors	280.00	
		280.00
Expense—		
Construction and Paving	12,764.53	
		12,764.53
Total $13,044.53		
Opening Jarnac Street		
Salaries—		
Engineer	450.00	
		450.00
Expense—		
Construction	8,700.00	
		8,700.00
Total $9,150.00		
Fulton St., from Fourteenth to Twenty-third Ave.		
Expense—		
Construction	4,486.00	
		4,486.00
Purchase of Curbing		
Expense—		
Curbing	856.39	
		856.39
Paving First St. (Market to Mission)		
Expense—		
Paving	8,406.66	
		8,406.66
Paving Treat Ave., from Twenty-fifth to Twenty-sixth St.		
Expense—		
Paving	1,404.00	
		1,404.00
Forward		$ 6,932,321.66

HIGHWAYS—Continued

Forward		$ 6,932,321.66

Removal of Shacks

Expense—		
Moving Buildings	40.25	
		40.25

Rock Crusher

Outlay—		
Purchase of Rock Crusher	1,935.00	
		1,935.00

Construction of Bunkers

Expense—		
Construction	1,892.00	
		1,892.00

Construction of Sloat and Junipero Serra Boulevard

Salaries—		
Chemist	50.00	
Inspectors	345.00	
		395.00
Expense—		
Construction	9,517.97	
Teaming	754.00	
		10,271.97
Total $10,666.97		
Filling in Kentucky Street	1,200.00	
		1,200.00
Repairs to Point Lobos Ave.	162.50	
		162.50

Street Work (City Property)

Salaries—		
Carpenter	8.50	
Inspectors	162.50	
Laborers	3.00	
		174.00
Expense—		
Cartage	600.00	
Curbing	5,129.51	
Forward	$ 5,729.51	$ 6,948,392.38

HIGHWAYS—Continued

Forward	$ 5,729.51	$ 6,948,392.38
Curbs from Old City Hall	1,859.28	
General Street Work	24,304.67	
Paving	8,556.46	
Sidewalks	4,180.27	
		44,630.19

Total $44,804.19

Sewer Work (City Property)

Salaries—		
Bricklayer	129.50	
Cribbers	327.00	
Foreman	270.55	
Hodcarrier	92.50	
Laborer	3.00	
Sewer Cleaner	264.00	
		1,086.55
Expense—		
General Repairs	7,195.37	
Lumber	184.95	
Van Ness Ave. Sewer	2,499.69	
Water	12.00	
		9,892.01
Outlay—		
Helmets	810.00	
Manholes	285.00	
		1,095.00

Total $12,073.56

Resetting Hydrants

Expense—		
Spring Valley Water Co.	1,742.50	
		1,742.50

Safety Station (Stockton and Market Streets)

Salaries—		
Inspector	115.00	
		115.00
Moving Station, etc.	995.00	
		995.00

Total $1,110.00

Forward	$ 7,007,948.63

HIGHWAYS—Continued

Forward		$ 7,007,948.63

Repairs to Mission Bells

Expense—		
Painting	115.75	
Repairs	30.00	
		145.75
Total 145.75		

Paving Carl St., Between Paranassus and Arguello Boulevard

Expense—		
Asphalt Paving	1,514.39	
		1,514.39
Total $1,514.39		

Remodeling Donohue Fountain

Salaries—		
Civil Engineer	40.00	
Draftsman	111.65	
Surveyor	16.50	
		168.15
Total $168.15		

Purchase of Street Signs

Salaries—		
Draftsman	62.50	
		62.50
Expense—		
Livery	10.00	
Signs	593.60	
		603.60
Total $666.10		

Construction Island Park, Dolores St.

Salaries—		
Inspector	335.00	
		335.00
Expense—		
Construction	6,700.00	
		6,700.00
Total $7,035.00		
Forward		$ 7,017,478.02

HIGHWAYS—Continued

Forward		$ 7,017,478.02

Paving Thirtieth Ave., California to Clement St.

Salaries—		
Inspector	45.00	
		45.00
Expense—		
Paving	826.88	
		826.88
Total $871.88		

Constructing Stairway, Nineteenth and Kansas Sts.

Salaries—		
Carpenters	169.00	
Laborers	16.50	
Teamsters	12.65	
		198.15
Expense—		
Hardware	7.71	
Lumber	128.12	
		135.83
Total $333.98		

Curbing Sixteenth Ave., Fulton to Cabrillo St.

Expense—		
Curbing	1,164.76	
		1,164.76
Total $1,164.76		

Paving Twenty-third St., Potrero to Vermont St.

Salaries—		
Inspector	25.00	
		25.00
Expense—		
Construction	3,589.24	
		3,589.24
Total $3,614.24		
Forward		$ 7,023,462.88

HIGHWAYS—Continued

Forward		$ 7,023,462.88

Draining Bemis Street

Salaries—		
Bricklayer	24.50	
Cribber	551.25	
Foreman	55.00	
Hodcarrier	22.50	
Laborers	144.25	
		797.50
Expense—		
Sewer Pipe	57.60	
		57.60

Total $855.10

Paving Bosworth Street

Salaries—		
Inspector	140.00	
		140.00

Total $140.00

Improvements, Fifteenth and Shotwell Streets

Salaries—		
Inspector	110.00	
		110.00

Total $110.00

Total Special Funds Streets $266,063.03

TUNNEL ASSESSMENTS

Stockton Street Tunnel Assessment

Salaries—		
Draftsman	246.25	
Engineers	5,174.60	
Inspectors	4,320.00	
Stenographers	25.00	
		9,765.85
Expense—		
Asst. on City's Portion of Real Estate	48,971.20	
Advertising	37.20	
Construction of Tunnel	238,976.95	
Forward	$ 287,985.35	$ 7,034,333.83

HIGHWAYS—Continued

Forward	$ 287,985.35	$ 7,034,333.83
Electrical Supplies	2.28	
Flash Lights	7.50	
Instruments	61.40	
Machinery	23.15	
Money Advanced from General Fund	387.42	
Printing	8.50	
Rubber Goods	34.00	
		288,509.60

Total Stockton St. Tunnel Asst. $298,275.45

Twin Peaks Tunnel Assessment

Salaries—		
Carpenters	352.50	
Clerks	75.00	
Draftsman	212.50	
Engineers	620.00	
Field Assistants	200.00	
Inspectors	40.00	
Laborer	15.00	
Painter	383.00	
Surveyors	300.00	
		2,198.00
Expense—		
Blue Prints	771.65	
Electrical Material	9.57	
Hardware	3.36	
Incidentals	11.03	
Lumber	135.79	
Money Advanced from General Fund	21,398.35	
Painting	16.67	
Stationery	247.55	
		22,593.97

Total Twin Peaks Tunnel Asst. $24,791.97

Twin Peaks Tunnel Redemption

Redemption of Certificates	491.88	
		491.88

Total $491.88

Forward	$ 7,348,127.28

HIGHWAYS—Continued

Forward		$ 7,348,127.28

Construction of Fillmore St. Tunnel

Salaries—		
Draftsman	556.85	
Engineers	907.50	
Stenographer	50.00	
		1,514.35

Total $1,514.35

Total Tunnel Assessments $325,073.65

Polk Street Grade, Assessment Fund

Salaries—		
Asst. Engineer	225.00	
Inspector	75.00	
		300.00
Expense—		
Appraisement	3,000.00	
Damage to Property	47,448.75	
		50,448.75

Total Polk St. Asst. Fund $50,748.75

BUREAU OF ENGINEERING

Salaries—		
City Engineer	15,000.00	
City Engineer (Assistant)	4,800.00	
Civil Engineers	6,000.00	
Draftsman	3,300.00	
Field Assistants	2,100.00	
Inspectors	710.00	
Mechanics	202.00	
Stenographer	1,500.00	
		33,612.00
Expense—		
Blue Prints	1,713.71	
Drugs and Chemicals	381.30	
Electrical Supplies	31.34	
Hardware	793.65	
Incidentals	21.66	
Lumber	214.28	
Printing and Stationery	657.97	
Posting Block Books	12.00	
		3,825.91
Forward		$ 7,437,828.29

HIGHWAYS—Continued

Forward		$ 7,437,828.29
Outlay—		
Adding Machine	285.00	
Furniture	332.80	
Instruments (Surveyor's)	495.13	
Machinery	266.76	
		1,379.69

Total $38,817.60

Division of Surveys

Salaries—		
Assistant Engineers	9,897.55	
Draftsman	10,200.00	
Field Assistants	22,800.00	
Stenographer	1,500.00	
Surveyor	8,955.00	
		53,352.55

Total Division of Surveys $53,352.55.

Laboratory

Salaries—		
Chemists and Assistants	3,600.00	
		3,600.00

Total $3,600.00

Photostat and Blue Prints

Salaries—		
Carpenter	101.00	
Field Assistants	1,800.00	
Photographer	457.00	
Tinner	23.50	
		2,381.50
Expense—		
Assessor's Maps (Engineering Dept.)	809.29	
Ash Cans	3.40	
Block Books (Assessor, Tax Collector, Auditor, Recorder)	2,406.75	
Blue Prints	4.50	
Books	59.31	
Electrical Supplies	25.95	
Fire Extinguisher	28.00	
Freight	56.18	
Forward	$ 3,393.38	$ 7,498,542.03

HIGHWAYS—Continued

Forward	$ 3,393.38	$ 7,498,542.03
Gas and Electricity	42.24	
Glass	43.98	
Incidentals	58.73	
Lamps	2.95	
Photo Supplies	517.02	
Stationery	1,340.50	
Ventilators	18.00	
		5,416.80

Total $7,798.30.

Total: Bureau of Engineering $103,568.45.

Corporation Yard Equipment

Salaries—		
Asphaltman	366.50	
Chemist	50.00	
Draftsman	2.166.00	
Engineer	1,719.00	
Foreman	56.00	
Inspectors	307.50	
Laborers	539.25	
Pavers	175.50	
Stenographers	25.00	
Teamsters	642.75	
Storekeepers	3,150.00	
		9,197.50
Expense		
Construction	1,911.10	
		1,911.10

Total: Corporation Yard Equipment $11,108.60.

Plans of Municipal Railway Extension

Salaries—		
Carpenter	15.00	
Draftsman	4,605.50	
Engineers (Structural)	3,082.40	
Engineers (Civil)	1,762.50	
Engineers (Electrical)	616.65	
Field Assistants	925.00	
Inspectors	1,445.00	
Forward	$ 12,452.05	$ 7,515,067.43

HIGHWAYS—Continued

Forward	$ 12,452.05	$ 7,515,067.43
Surveyors	450.00	
Stenographer	616.65	
Track Expert	450.00	
		13,968.70
Outlay—		
Carfare	18.65	
Engineers' Supplies	356.12	
Furniture	21.60	
Stationery	191.50	
		587.87

Total: Plans Municipal Ry. Extension $14,556.57.

Resurveying Homesteads

Salaries—		
Assistant Engineers	3,125.00	
Carpenter	72.50	
Draftsmen	6,850.00	
Field Assistants	21,523.90	
Inspector	165.00	
Photographer	310.00	
Surveyors	8,025.00	
Stenographer	895.00	
		40,966.40
Expense—		
Blue Prints, Maps, etc.	742.17	
Chemicals	35.28	
Hardware	84.97	
Stationery	168.38	
		1,030.80
Outlay—		
Instruments	352.20	
Lumber	191.06	
		543.26

Total: Resurveying Homesteads $42,540.46.

Water Mains

Salaries—		
Engineers	100.00	
		100.00

Total $100.00.

Forward	$ 7,572,264.46

HIGHWAYS—Continued

Forward		$ 7,572,264.46

Lighting Public Streets

Expense—		
Gas and Electricity	371,347.73	
		371,347.73

Total: Lighting Streets $371,347.73.

Maintenance of Bridges

Salaries—		
Carpenters	568.25	
Engineers	9,360.00	
Laborers	321.00	
Plumber	198.00	
Painters	965.75	
Teamsters	71.00	
Tinners	154.50	
Watchmen (Bridge Tenders)	7,560.00	
		19,198.50
Expense—		
Brushes and Brooms	84.07	
Cartage	4.85	
Hardware	53.42	
Lumber	1,017.11	
Paints and Oils	193.33	
Rope	35.08	
		1,387.86

Total: Maintenance of Bridges, $20,586.36.

Forward		$ 7,964,198.55

CHARITIES AND CORRECTIONS

CITY AND COUNTY HOSPITAL

Forward		$ 7,964,198.55
Salaries—		
Anaesthetist	825.00	
Bus Driver	420.00	
Carpenters	300.00	
Cartman	231.30	
Chambermaid	480.00	
Clerks	1,200.00	
Commissary	1,800.00	
Cooks	4,035.70	
Dishwashers	693.35	
Drivers (Ambulance)	1,080.00	
Druggist and Assistants	2,100.00	
Elevatormen	1,798.35	
Garbageman	182.50	
Gate Keepers	630.00	
Helpers and Attendants	85.00	
Hostler	60.00	
Inspector of Linen	388.00	
Inspector of Indigents	1,200.00	
Internes	3,101.65	
Incineratorman	60.00	
Laundry Employees	569.35	
Morgue Attendants	300.00	
Night Superintendent	420.00	
Nurses (Superintendent)	1,522.00	
Nurses (Graduate)	3,251.35	
Nurses (Operation)	1,080.00	
Nurses (Pupils)	4,486.05	
Orderlies	3,318.00	
Orderlies (Pupils)	2,247.00	
Painters	90.00	
Pantrymen	1,675.35	
Porters and Helpers	1,925.55	
Pot Washers	240.00	
Physicians	2,325.00	
Relief Man	254.50	
Seamstress	600.00	
Forward	$ 45,075.00	$ 7,964,198.55

CHARITIES AND CORRECTIONS—Continued

Forward	$ 45,075.00	$ 7,964,198.55
Salaries—		
Secretary	1,800.00	
Storekeeper	560.00	
Surgical Dresser	1,380.00	
Teamsters	960.00	
Telephone Operators	1,200.00	
Waiters	2,906.25	
Ward Tenders	1,152.85	
Washerman	202.50	
Watchmen	1,300.00	
Window Cleaners	231.35	
X Ray Operators	840.00	
		57,507.95
Expense—		
Auto Supplies	327.55	
Bread	3,731.64	
Drugs and Medical Supplies	10,863.61	
Dry Goods and Clothing	5,301.42	
Electrical Supplies	247.99	
Fruits and Vegetables	4,938.81	
Forage	694.36	
Groceries and Provisions	18,428.45	
Horse Shoeing and Clipping	272.50	
Hardware	570.50	
Incidentals	203.09	
Janitor Supplies	502.04	
Kitchen Supplies	525.33	
Liquors	779.76	
Lumber	236.54	
Meats, Poultry and Fish	19,518.62	
Milk and Cream	8,216.88	
Paints and Oils	122.60	
Photo Supplies and Optical Goods	562.61	
Removal of Garbage	20.00	
Rubber Goods	276.24	
Stationery	610.45	
Sundry Repairs	354.26	
Surgical Supplies	3,556.96	
Veterinary Services	28.50	
		80,890.71
Forward		$ 8,102,597.21

CHARITIES AND CORRECTIONS—Continued

Forward		$ 8,102,597.21
Outlay—		
Auto Ambulance	3,600.00	
Furniture	107.80	
Mattresses	342.30	
X Ray Plates	325.72	
		4,375.82

Total: City and County Hospital $142,774.48.

JUVENILE DETENTION HOME

Salaries—		
Superintendent and Assistants	3,300.00	
Cook	625.00	
Laundress	309.80	
Matrons	1,500.00	
Nurses	1,992.80	
Seamstress	40.80	
		7,768.40
Expense—		
Bread	717.62	
Drugs and Medicine	487.94	
Dry Goods and Clothing	578.49	
Electrical Work	124.69	
Fruits and Vegetables	816.58	
Fuel	248.65	
Garbage Removal	25.00	
Groceries and Provisions	1,683.35	
Hardware	232.85	
Ice	80.28	
Incidentals	156.96	
Janitor Supplies	124.39	
Laundry	254.37	
Lumber and Mill Work	10.34	
Meats, Poultry and Fish	1,742.73	
Milk and Cream	496.95	
Rents	27.50	
Stationery	10.50	
Telephone	15.40	
		10,557.09
Forward		$ 8,125,298.52

CHARITIES AND CORRECTIONS—Continued

Forward		$ 8,125,298.52
Outlay—		
Furniture	21.50	
Physical Apparatus	30.63	
		52.13

Total: Juvenile Detention Home $18,377.62.

WIDOWS PENSION BUREAU

Salaries—		
Director and Assistant	1,284.00	
Stenographer	750.50	
		2,034.00
Expense—		
Carfare	42.65	
		42.65
Outlay—		
Furniture	487.15	
		487.15

Total: Widows Pension Bureau $2,563.80.

BURIAL OF INDIGENT DEAD

Expense—		
Expense of Burials	2,528.00	
		2,528.00

Total $2,528.00.

BURIAL OF DECEASED EX-U. S. SOLDIERS AND SAILORS

Expense—		
Expense of Burials	4,125.00	
		4,125.00

Total $4,125.00.

MAINTENANCE OF MINORS (PUBLIC INSTITUTIONS)

Expense—		
Convent of Good Shepherd (Whittier)	125.41	
Home of Feeble Minded Children (Glen Ellen)	29,010.00	
Forward	$ 29,135.41	$ 8,134,567.45

CHARITIES AND CORRECTIONS—Continued

Forward	$ 29,135.41	$ 8,134,567.45
Magdalen Asylum (St. Catherine's Home)	4,104.00	
State Reform School (Preston)	6,628.27	
State Reform School (Whittier)	361.59	
		40,229.27

Total: $40,229.27.

MAINTENANCE OF MINOR CHILDREN, NON-SECTARIAN INSTITUTIONS

Expense—

Albertinum Orphanage	7,227.54	
Armitage Orphanage	440.00	
Boys' and Girls' Aid Society	6,103.58	
Boys' and Girls' Industrial Home Farm	2,202.78	
California Girls' Training Home	1,868.95	
Catholic Humane Society	54,493.70	
Children's Agency (Associated Charities)	39,777.11	
Eureka Benevolent Society	9,865.62	
Florence Crittenton Home	224.40	
Fred Finch Orphanage	121.00	
Santa Cruz Female Orphan Asylum	1,719.26	
Infant Shelter	1,400.45	
Maria Kip Orphanage	528.00	
Maud B. Booth Home	5,175.49	
McKinley Orphanage	1,056.00	
Pajaro Valley Orphanage	476.81	
Presbyterian Orphanage	396.00	
Roman Catholic Orphan Asylum	12,561.78	
San Francisco Ladies' Protection and Relief Society	1,626.87	
San Francisco Nursery for Homeless Children	1,176.80	
St. Francis Girls' Directory	963.95	
Mt. St. Joseph's Orphanage	8,820.89	
St. Mary's Orphanage	2,426.16	
St. Vincent's Asylum	18,566.47	
		179,219.61
Forward		$ 8,354,016.33

CHARITIES AND CORRECTIONS—Continued

Forward		$ 8,354,016.33
Widows' Pension (Catholic Humane Bureau)	11,479.00	
Widows' Pension (Childrens' Agency)	7,830.55	
Widows' Pension (Eureka Benevolent Society)	462.00	
		19,771.55

Total $198,991.16.

Total Maintenance of Minor Children $239,220.43.

RELIEF HOME FOR AGED AND INFIRM

Salaries—

Superintendent	3,600.00	
Attendants	1,473.45	
Butcher	1,314.00	
Baker	577.50	
Clerk	1,620.00	
Cooks	5,961.35	
Driver (Ambulance)	960.00	
Engineers and Firemen	3,607.00	
Farmer	50.00	
Gardener	1,389.50	
Helpers	2,643.00	
Laundry Employees	4,239.85	
Laborers	3,209.50	
Matrons	2,618.55	
Milker	600.00	
Nurses	5,129.45	
Orderlies	601.00	
Pantryman	720.00	
Physicians	4,069.50	
Plumber	1,800.00	
Seamstress	1,200.00	
Stenographer	1,080.00	
Stewards	5,470.50	
Teamsters	2,513.00	
Warehouseman	1,200.00	
Waiters	2,609.50	
Watchmen and Gatekeepers	3,032.35	
Forward	$ 63,289.00	$ 8,373,787.88

CHARITIES AND CORRECTIONS—Continued

Forward	$ 63,289.00	$ 8,373,787.88
Compensation to Inmates for Services Rendered	1,796.00	
Compensation to Unemployed (I. W. W.)	18,349.11	
		83,434.11
Expense—		
Auto Supplies	1,144.22	
Blacksmithing	201.31	
Boiler Compound	313.50	
Cartage	80.00	
Castings	18.00	
Drugs and Medical Supplies	2,337.76	
Dry Goods and Clothing	7,487.58	
Electrical Supplies	349.44	
Fuel	16,507.25	
Forage	7,224.81	
Fruits and Vegetables	5,734.70	
Groceries and Provisions	35,027.60	
Gasoline	1,218.94	
Horseshoeing and Clipping	487.50	
Incidentals	408.80	
Janitor Supplies	547.38	
Kitchen Supplies	1,358.41	
Lime, Cement and Gravel	933.60	
Liquors	4,767.18	
Lumber	1,383.11	
Meat, Poultry and Fish	44,090.65	
Milk and Cream	4,975.76	
Paints and Oils	933.34	
Plants	211.51	
Plumbing Supplies	668.68	
Repairs to Machinery	1,519.92	
Roofing	98.10	
Rubber Goods	304.46	
Shoes	1,600.07	
Stationery	425.44	
Sundries	337.04	
Tobacco	949.00	
Veterinary Services	61.75	
Water	799.15	
		144,505.96
Forward		$ 8,601,727.95

CHARITIES AND CORRECTIONS—Continued

Forward		$ 8,601,727.95
Outlay—		
Awning	33.15	
Boilers for Relief Home	13,066.60	
Electric Motor	160.00	
Furniture	1,487.13	
Hardware	2,457.77	
Harness	7.88	
Iron and Steel	226.41	
Motor Trucks	2,445.67	
Smoke Stack	59.57	
Surgical Supplies	152.78	
Typewriter	37.90	
Wire Fence	279.26	
		20,414.12

Total $248,354.19.

Infirmary Relief Home Tract

Salaries—		
Draftsman	21.75	
Engineer	73.40	
Inspector	328.40	
Painter	150.00	
Surveyor	27.50	
		601.05
Expense—		
Hardware and Electrical Material	434.19	
		434.19
Outlay—		
Construction	24,229.40	
		24,229.40

Total $25,264.64.

Water Supply for Relief Home

Salaries—		
Clerk	25.00	
Field Assistants	550.00	
Inspectors	55.00	
		630.00
Forward		$ 8,648,036.71

CHARITIES AND CORRECTIONS—Continued

Forward		$ 8,648,036.71
Expense—		
Moving Pumps	120.00	
Plumbing	46.76	
		166.76
Outlay—		
Construction of Well	4,486.83	
		4,486.83

Total $5,283.59.

Construction Infirmary Chapel, Relief Home

Salaries—		
Bricklayer	100.50	
Cribbers	315.75	
Chemist	32.35	
Draftsman	305.95	
Engineers	36.15	
Hodcarrier	52.50	
Inspectors	489.25	
Laborer	23.15	
Photographer	110.00	
Surveyors	106.40	
Sewer Cleaner	21.25	
Teamster	2.90	
Watchman	6.00	
		1,602.15
Expense—		
Blue Print	21.33	
		21.33
Outlay—		
Construction	9,545.00	
Furniture	787.50	
		10,332.50

Total $11,955.98.

Repairs and Equipment, Relief Home Bldg. No. 3

Salaries—		
Bricklayer and Hodcarrier	114.00	
Carpenters	400.00	
Laborers	115.65	
Forward	$ 629.65	$ 8,664,646.28

CHARITIES AND CORRECTIONS—Continued

Forward	$ 629.65	$ 8,664,646.28
Painters	4,126.00	
Teamster	6.50	
Tinner	31.00	
		4,793.15
Expense—		
Brooms and Brushes	232.66	
Hardware	75.05	
Lumber	35.46	
		343.17
Outlay—		
Equipment	998.87	
Paints and Oils	1,526.08	
		2,524.95

Total $7,661.27.

Purchase of Land, Relief Home Tract Fund

Expense and Outlay—		
Purchase of Land	112,550.00	
Refund on Taxes Paid	323.63	
Searching Title	400.00	
		113,273.63

Total $113,273.63.

Total Relief Home $411,793.30.

INSANE (Criminal)

Expense—		
Maintenance	2,702.00	
		2,702.00

Total $2,702.00.

Forward	$ 8,788,283.18

EDUCATION.

PUBLIC LIBRARY

Forward		$ 8,788,283.18
Salaries—		
Librarian and Assistants	8,124.35	
Secretary and Assistants	4,194.30	
Assistants (Office)	18,337.20	
Assistants (Special)	1,015.00	
Cataloguers	4,290.00	
Curators	3,142.00	
Keepers	1,991.50	
Messengers	845.00	
Pages	2,222.90	
Repairers (Books)	1,819.15	
Stenographers	1,057.75	
Substitutes	64.60	
Superintendent (Branch)	1,190.00	
		48,293.75
Expense—		
Binding Books	5,250.98	
Catalogue Cards	527.94	
Dues to Library Association	12.00	
Fuel	343.50	
Hardware	38.71	
Incidentals (Carfare, etc.)	1,025.66	
Insurance	157.05	
Janitor Supplies	601.86	
Printing and Stationery	2,490.80	
Rent	2,530.00	
Repairs and Supplies for Autos	366.67	
Subscription to Newspapers	230.75	
Sundry Repairs	788.00	
Typwriter Supplies	48.65	
Water	500.04	
		14,912.61
Outlay—		
Books	22,991.44	
Furniture	3,934.46	
Multigraph	315.00	
Truck	36.00	
		27,276.90
Total Public Library $90,483.26.		
Forward		$ 8,878,766.44

EDUCATION—Continued

DEPARTMENT OF SCHOOLS

Forward		$ 8,878,766.44
Salaries—		
Superintendent	3,999.96	
Deputy Superintendents	11,976.00	
School Directors	11,988.00	
Secretary	1,800.00	
Secretary and Assistants	4,200.00	
Messengers	2,340.00	
Stenographers	3,824.50	
Telephone Operators	1,129.00	
Chauffeur	1,500.00	
Cabinet Makers	1,747.50	
Carpenters	1,026.25	
Janitors	107,133.35	
Laborers	8,620.50	
Plumber	152.50	
Painters	5,638.00	
Scavenger	3,600.00	
Storekeeper and Assistants	2,880.00	
Supply Department Bookkeeper	1,500.00	
Superintendent and Assistants (Repairs)	2,187.50	
Teamsters	1,939.25	
Tinner	465.50	
Water and Gas Inspector	1,412.50	
		181,060.31

COMPENSATION OF TEACHERS IN PRIMARY AND GRAMMAR DAY SCHOOLS

Expense—		
Adams	20,269.55	
Andrew Jackson	1,208.60	
Agassiz	21,206.45	
Bay View	17,547.95	
Bernal	22,502.30	
Bryant	21,045.95	
Buena Vista	5,750.15	
Burnett	13,496.35	
Cleveland	11,901.30	
Forward	$ 134,928.60	$ 9,059,826.75

EDUCATION—Continued

Forward	$ 134,928.60	$ 9,059,826.75
Columbia	25,654.40	
Columbus	2,631.35	
Cooper	18,301.85	
Crocker	22,737.20	
Deaf and Dumb	204.75	
Daniel Webster	11,251.25	
Denman	14,376.25	
Detention Home	483.00	
Douglass	12,951.05	
Dudley Stone	17,209.85	
Edison	15,162.40	
Emerson	17,839.80	
Ethan Allen	4,303.00	
Everett	22,310.50	
Fairmont	25,333.80	
Farragut	10,132.20	
Franklin	14,795.35	
Francis Scott Key	6,972.15	
Fremont	17,324.45	
Garfield	21,497.75	
Glen Park	14,916.65	
Golden Gate	14,997.80	
Grant	11,218.65	
Grattan	19,176.00	
Haight	17,197.15	
Hamilton	22,282.85	
Hancock	21,063.90	
Harrison	4,427.90	
Hawthorne	11,726.75	
Hearst	22,587.15	
Henry Durant	14,331.65	
Horace Mann	28,445.35	
Hunters Point	1,414.00	
Irving M. Scott	13,862.30	
James Lick	15,987.20	
Jean Parker	21,288.50	
Jefferson	5,536.35	
John Swett	21,695.95	
Junipero Serra	19,991.05	
Kate Kennedy	14,542.40	
Forward	$ 733,090.50	$ 9,059,826.75

EDUCATION—Continued

Forward	$ 733,090.50	$ 9,059,826.75
Lafayette	6,758.35	
Laguna Honda	22,857.15	
Lincoln	12,713.00	
Longfellow	7,277.05	
Madison	17,270.20	
Mission Grammar	17,444.55	
Marshall	19,365.05	
McCoppin	21,029.30	
McKinley	17,464.80	
Monroe	25,790.60	
Moulder	7,390.65	
Noe Valley	20,359.05	
Oriental	14,059.90	
Pacific Heights	21,886.10	
Patrick Henry	8,117.80	
Parkside	1,337.00	
Peabody	9,382.95	
Portola	16,034.00	
Paul Revere	1,308.00	
Redding	11,604.10	
Rincon	2,520.00	
Rochambeau	17,621.95	
Roosevelt	18,673.10	
Sheridan	18,187.45	
Sherman	14,090.35	
Spring Valley	18,155.40	
Starr King	9,189.95	
Sunnyside	5,127.45	
Sutro	21,864.25	
Visitacion Valley	8,358.10	
Le Conte	1,156.05	
Washington	19,709.80	
Washington Irving	10,020.50	
Winfield Scott	9,923.20	
Yerba Buena	15,663.45	
		1,202,801.10

PRIMARY AND GRAMMAR EVENING SCHOOLS

Bernal	21.15	
Commercial	10,357.55	
Forward	$ 10,378.70	$10,262,627.85

EDUCATION—Continued

Forward	$ 10,378.70	$10,262,627.85
Hamilton	5,982.60	
Horace Mann	6,687.05	
Jean Parker	1,758.75	
Lincoln	6,654.60	
Monroe	324.45	
North Beach	769.00	
Navigation	766.85	
Portola	85.35	
Roosevelt	776.85	
Russian Class	480.60	
Sherman	2,543.20	
Sheridan	610.00	
Washington	7,309.90	
		45.127.90
HIGH SCHOOLS		
Girls	40,675.50	
Humboldt	23,755.80	
Lowell	53,071.95	
Mission High	35,129.90	
Polytechnic	37,845.20	
San Francisco Commercial	41,716.05	
		232,194.40
MISCELLANEOUS		
Department at Large	35,747.40	
		35,747.40
Salaries of Teachers, Outside Experience	14,387.50	
Salaries of Teachers, Substitutes	64,639.40	
		79,026.90
Teachers' Annuity and Retirement Fund	333.35	
		333.35
Teachers' Retirement Fund	15,016.50	
		15,016.50
Teachers' Institute Fund (Expense of Convention)	1,498.00	
		1,498.00
Ungraded Teachers	422.50	
		422.50
Forward		$10,671,994.80

EDUCATION—Continued

Forward		$10,671,994.80
Advertising	49.99	
Athletic Goods	189.35	
Automobile Repairs and Supplies	737.96	
Artist Materials	251.07	
Blackboards	23.20	
Blue Prints	2.40	
Boiler Compound	18.60	
Cordage	571.48	
Carfare	743.41	
Chemical and Medical Supplies	234.09	
Cleaning Supplies	3,960.52	
Cartage	111.25	
Drawing Material	701.36	
Dry Goods	669.16	
Examination of Teachers	200.00	
Electrical Supplies	31.77	
Flags	117.30	
Fuel and Oil	7,996.44	
Gas and Electricity	5,705.08	
Glass and Glazing	141.88	
Groceries	1,591.12	
Hardware	4,933.85	
Incidentals	372.65	
Insurance (Premiums)	364.85	
Janitor Supplies	753.86	
Laboratory Supplies	1,018.23	
Lectures	1,731.30	
Loam and Clay	1.75	
Livery	466.75	
Laundry	14.00	
Lumber and Millwork	2,549.78	
Music	360.13	
Manual Training	22.76	
Millinery	207.04	
Plumbing	12.00	
Photos	24.00	
Paints and Oils	348.80	
Programs	109.80	
Plants and Seeds	38.40	
Postage	498.57	
Forward	$ 37,875.95	$10,671,994.80

EDUCATION—Continued

Forward	$ 37,875.85	$10,671,994.80
Premium on Bonds	52.20	
Plaster	16.15	
Promotion of Athletics	1,956.30	
Rent of Pianos	236.62	
Rent of Rink	50.00	
Rent of Premises	2,816.20	
Repairs of Pianos	37.55	
Rubber Goods	213.33	
Storage	9.85	
Stationery and Printing	16,542.69	
Stenographers' Services	20.85	
Subscription (Newspaper and Clippings)	260.15	
Stereopticon	20.92	
Towel Supply	21.00	
Telephone Service	180.36	
Taxes	66.40	
Transportation (Supt. of Schools)	723.01	
Water	8,236.47	
Window Cleaning	1,852.50	
		71,188.50
Outlay—		
Books	3,229.95	
Badges	3.60	
Clocks and Repairs	160.00	
Furniture	9,148.53	
Gym Apparatus	804.83	
Lamps	201.92	
Maps and Globes	581.41	
Medals	69.68	
Mathematical Instruments	175.50	
Optical Goods	83.99	
Pianos	425.00	
Sewing Machines	560.00	
Watch	9.00	
		15,453.41
Forward		$10,758,636.71

EDUCATION—Continued

REPAIRS TO SCHOOLS (SPECIAL)

Under the Direction of Board Public Works

Forward		$10,758,636.71
Salaries—		
Asphaltman	599.30	
Bricklayer	430.00	
Civil Engineer	360.00	
Carpenters	15,405.50	
Cribber	57.00	
Cement Finisher	2,643.50	
Clerks	550.00	
Field Assistants	107.25	
Glazier	1,455.00	
Hodcarrier	93.00	
Inspector	230.00	
Janitor	50.00	
Laborers	1,720.40	
Locksmith	1,517.50	
Plumbers and Helpers	10,376.50	
Painters	10,885.50	
Steamfitters	1,122.50	
Stenographer	235.00	
Steam Radiator Engineers	51.00	
Tinners and Helpers	8,792.25	
Teamsters	3,919.90	
Wireman	464.50	
		61,065.60
Expense—		
Asphalt Work	1,079.50	
Blue Prints	.90	
Brick	195.00	
Boiler Repairs	44.19	
Carfare	699.81	
Cement and Lime	2,151.91	
Chimney Pipe	74.56	
Chemicals	50.75	
Construction of Fence	2,550.00	
Concrete Work	255.00	
Electrical Supplies	1,209.04	
Fuel	8.80	
Forward	$ 8,319.46	$10,819,702.31

EDUCATION—Continued

Forward	$ 8,319.46	$10,819,702.31
Glass	852.07	
Hardware	2,581.35	
House Moving	1,125.00	
Janitor Supplies	51.88	
Lumber	11,686.44	
Metal Work	2,445.83	
Paints and Oils	2,301.77	
Paper	8.80	
Plumbing	1,913.47	
Rock	1,031.28	
Roofing	1,574.00	
Rubber Goods	37.40	
Sewer Pipe	122.59	
Side Sewers	103.87	
Sundry Repairs	680.65	
Signs	51.00	
Teaming	1,966.15	
Tiling	236.00	
Ventilators	33.80	
Wire	90.86	
Repairs to Yerba Buena School	2,430.00	
		39,643.67

Total Department of Schools $1,980,579.54.

Forward	$10,859,345.98

RECREATION

PARK COMMISSION

Forward		$10,859,345.98
Salaries—		
Apprentices	2,719.40	
Blacksmith	1,840.00	
Bookkeeper	1,500.00	
Carpenters	2,294.25	
Cement Finishers	2,205.95	
Chauffeur	1,500.00	
Clerk	1,200.00	
Curators and Assistants	12,080.00	
Draftsman	594.50	
Drivers of Auto Trucks	2,226.75	
Employees of Children's Playground	8,397.80	
Engineers and Firemen	7,133.30	
Foremen	39,799.90	
Gardeners	11,693.60	
Keepers	5,687.50	
Laborers	153,659.00	
Laboratory Employees	4,169.00	
Painters	5,866.90	
Plumbers	1,088.15	
Quarrymen	1,029.90	
Secretary	2,100.00	
Stablemen	3,195.00	
Stenographers	900.00	
Superintendent	4,200.00	
Teamsters	18,483.00	
		295,563.90
Expense—		
Advertising	24.23	
Animal Food	638.07	
Auto Supplies and Repairs	1,248.80	
Boiler Compound	402.61	
Brooms and Brushes	178.98	
Cartage	249.00	
Cement, etc.	1,587.44	
Chimney Repairs	45.75	
Confectionery and Soda	9,926.56	
Cordage	361.94	
Drafting	55.65	
Forward	$ 14,719.03	$11,154,909.88

RECREATION—Continued

Forward	$ 14,719.03	$11,154,909.88
Draining Fountain	405.00	
Drugs and Chemicals	1,505.66	
Dry Goods	360.73	
Electrical Material	129.75	
Forage	15,356.06	
Fuel and Oil	2,579.87	
Gas and Electricity	2,940.60	
Grading	3,836.40	
Gasoline	2,286.31	
Groceries, etc.	9,457.16	
Ice	165.00	
Incidentals	2,435.14	
Insurance	215.60	
Laundry	383.18	
Livery	20.00	
Loam and Clay	447.44	
Lumber	3,601.50	
Musical Events	11,046.24	
Paints and Oils	2,403.16	
Pump Repairs	199.55	
Paper	261.94	
Photo Material	9.00	
Plumbing Supplies	814.91	
Powder (Ammunition)	272.76	
Press Clippings	30.00	
Printing and Stationery	935.61	
Rock and Brick	1,882.05	
Rubber Goods	1,785.69	
Stable Rent	275.00	
Veterinary Services	157.25	
Water	21,016.94	
		101,934.53

Outlay—

Automobile	4,030.00	
Apparatus	324.50	
Birds and Animals	257.00	
Boiler and Repairs (Steam)	178.65	
Castings	266.18	
Crockery	36.44	
Flags and Flag Poles	10.20	
Forward	$ 5,102.97	$11,256,844.41

RECREATION—Continued

Forward	$ 5,102.97	$11,256,844.41
Furniture	182.39	
Fertilizer	45.87	
Hardware	4,306.55	
Harness	598.00	
Iron and Steel	828.44	
Instruments (Surveyor's)	24.25	
Improvements and Repairs to Roads	600.68	
Machinery and Repairs	2,018.40	
Plants and Seeds	1,896.96	
Sewer Pipe	307.51	
Tennis Courts (Replacements, etc.)	5.00	
Tennis Nets	41.96	
Uniforms	19.25	
Wire	1,135.61	
		17,113.84

Purchase of Land

Outlay—		
Purchase of Land for Parks	14,500.00	
		14,500.00

Total Park Commission $429,112.27

Municipal Band

Expense—		
Concerts in Small Parks, etc	9,999.65	
		9,999.65

Total Municipal Band $9,999.65

Play Grounds

Salaries—		
Superintendent	1,800.00	
Directors and Supervisors	16,057.25	
Secretary and Assistants	1,950.00	
Care Takers	470.00	
Carpenters	1,325.00	
Foreman	495.00	
Gardeners	5,181.00	
Inspectors	860.00	
Janitors	2,504.30	
Life Savers	839.00	
Forward	$ 31,481.55	$11,298,457.90

RECREATION—Continued

Forward	$ 31,481.55	$11,298,457.90
Laborers	3,622.00	
Painters	520.00	
Stenographers	750.00	
		36,373.55
Expense—		
Advertising	8.55	
Auto Hire	16.00	
Cartage	36.25	
Cement and Lime	67.03	
Concrete	63.08	
Disinfectants	147.24	
Dry Goods	60.83	
Electrical Supplies	336.55	
Gas	355.23	
Glass and Glazing	84.91	
Incidentals	314.53	
Janitor Supplies	50.87	
Laundry	269.86	
Loam	339.00	
Piano Repairs	97.38	
Printing and Stationery	312.15	
Removing Garbage	26.40	
Rent	9.00	
Rubber Goods	83.42	
Sand	179.80	
Signs	16.00	
Teaming	774.25	
Typewriter Supplies	10.48	
Water	3,185.66	
		6,844.47
Outlay—		
Construction and Improvements	7,938.53	
Flags	37.98	
Filters	920.00	
Furniture	280.03	
Hardware	1,077.67	
Mimeograph	60.00	
Piano	200.00	
Sporting Goods and Apparatus	6,453.81	
Swings	3.95	
Forward	$ 16,971.97	$11,341,675.92

RECREATION—Continued

Forward	$ 16,971.97	$11,341,675.92
Tanks	1,249.00	
Tennis Courts	667.76	
Wire	433.35	
Well Boring	772.85	
		20,094.93

Total Play Grounds $63,312.95

Celebrations (Observance of)

Fourth of July	2,500.00	
Memorial Day	500.00	
		3,000.00

Total $3,000.00

Forward	$11,364,770.85

MUNICIPAL RAILWAYS

MUNICIPAL RAILWAY FUND

Forward		$11,364,770.85
Salaries—		
Superintendent	4,999.80	
Superintendents (Assistants)	4,504.05	
Clerks	3,111.50	
Secretary	1,669.35	
Stenographer	1,500.00	
Asphaltman	7.50	
Blacksmiths	2,324.60	
Carpenters	1,215.00	
Conductors	95,922.05	
Draftsman	614.55	
Inspectors	11,709.25	
Inspector of Repairs	1,655.25	
Janitors	1,125.00	
Locksmith	6.25	
Laborers	279.75	
Linemen	990.75	
Mechanics	1,800.00	
Motormen	91,991.65	
Painters	2,957.45	
Plumbers	45.00	
Pavers and Rammers	317.75	
Repairers	15,806.15	
Trackmen	15,464.55	
Teamsters	760.40	
		260,777.60
Expense—		
Auto Service	270.00	
Adjustment of Damages	890.75	
Blue Prints	30.00	
Brooms and Brushes	131.16	
Chemicals	17.34	
Dry Goods	116.01	
Electrical Supplies	2,048.28	
Electric Power	87,768.79	
Fuel and Fuel Oil	412.91	
Freight	133.39	
Forage	251.90	
Forage	251.90	
Forward	$ 92,070.53	$11,625,548.45

MUNICIPAL RAILWAYS—Continued

Forward	$ 92,070.53	$11,625,548.45
Fire Proofing	29.05	
Glass	169.36	
Gas and Electricity	104.58	
Hardware	1,447.44	
Hose	52.93	
Horseshoeing	20.00	
Incidentals	434.46	
Janitor Supplies	213.18	
Livery	145.00	
Leather	12.50	
Lamps	1,097.83	
Locksmithing	8.75	
Lumber	391.40	
Paints and Oils	1,444.49	
Postage	95.00	
Premium on Bonds	700.00	
Printing and Stationery	3,699.67	
Removal of Garbage	54.75	
Rent of Car Barn	1,001.61	
Rent of Register	14.50	
Rock and Cement	247.34	
Rubber Goods	18.55	
Superintendent's Contingent Expenses	1,000.00	
Transfers (Exchange of)	7,035.33	
Teaming	450.00	
Veterinary Services	12.50	
Water	916.52	
		112,887.27
Outlay—		
Badges	57.55	
Brakeshoes	7,856.24	
Car Equipment	453.29	
Interest on Deferred Payments (Purchase of Plant)	3,740.25	
Machinery	23.75	
Part Payment (Presidio Railway)	50,000.00	
Repairs to Plant	4,123.05	
Setting Guy Stubs and Labor	598.19	
Forward	$ 66,852.32	$11,738,435.72

MUNICIPAL RAILWAYS—Continued

Forward	$ 66,852.32	$11,738,435.72
Typwriter	47.90	
Wire	542.12	
		67,442.34
Total Municipal Railway Fund	$441,107.21.	
Forward		$11,805,878.06

WATER WORKS FUND

Forward		$11,805,878.06
Salaries—		
Clerk	300.00	
Engineer. (Stationary)	1,500.00	
Laborers	138.00	
Service Man	900.00	
		2,838.00
Expense—		
Electric Power	1,225.92	
Electrical Supplies	7.89	
Hardware	131.89	
Livery	116.25	
Printing	5.18	
Paints and Oils	24.66	
Rubber Goods	37.06	
Teaming	345.50	
Wagon Repairs	12.00	
		1,906.35
Outlay—		
Lamps	7.51	
Machinery and Supplies	163.33	
		170.84

Total Water Works Fund $4,915.19.

Forward	$11,810,793.25

PUBLIC TRUST FUND

POLICE RELIEF AND PENSION FUND

Forward		$11,810,793.25
Salaries—		
Secretary	600.00	
		600.00
Expense—		
Medical Examiner	340.00	
Meritorious Service	220.00	
Pensions Paid	91,009.80	
Widows' Allowance (Contributions Returned)	2,510.00	
		94,079.80

Total Police Relief and Pension Fund $94,679.80.

FIREMEN'S RELIEF AND PENSION FUND

Salaries—		
Secretary	600.00	
		600.00
Expense—		
Pensions Paid	90,933.11	
		90,933.11

Total Firemen's Relief and Pension Fund $91,533.11.

ROBINSON'S BEQUEST INTEREST FUND

Interest on Funds	2,000.00	
		2,000.00

Total $2,000.00.

WINDEL BEQUEST INTEREST FUND

Interest on Funds	493.59	
		493.59

Total $493.59.

RELIEF FOR EXEMPT FIREMAN

Disbursements	5,000.00	
		5,000.00

Total $5,000.00.

Forward	$12,004,499.75

FUNDS OTHER THAN PUBLIC TRUST

REFUNDS

Forward		$12,004,499.75
County Clerk's Fees, etc	599.50	
		599.50
Duplicate Tax	5,771.29	
		5,771.29
House Moving (Dept. Public Works)	2,002.65	
		2,002.65
House Moving (Dept. of Electricity)	371.70	
		371.70
Licenses	328.50	
		328.50
Police Court Fines	1,595.00	
		1,595.00
Police Court Bail Money	651,515.00	
		651,515.00
Police Dept. Fines and Contributions	22,077.00	
		22,077.00
Poll Tax and Personal Property	32.48	
		32.48
Special Badges	315.00	
		315.00
Special Permits	75,142.00	
		75,142.00
Taxes (Erroneous Assessments)	1,038.91	
		1,038.91
Taxes on Judgments	91,771.25	
		91,771.25

Violating Ordinances

Cruelty to Children	25.00	
Dentistry	150.00	
Fish and Game	945.00	
Pharmacy	9,869.25	
Pure Food	25.00	
		11,014.25

Total Refunds $863,574.53.

Forward	$12,868,074.28

FUNDS OTHER THAN PUBLIC TRUST—Continued

TEARING UP STREETS FUND

Forward		$12,868,074.28
Salaries—		
Cribbers	1,792.50	
Clerks	1,800.00	
Inspectors	2,400.00	
Lampman	2,379.00	
Side Sewermen	26,330.50	
Stenographer	250.00	
		34,952.00
Expense—		
Blacksmithing	229.65	
Hardware	184.53	
Livery	559.50	
Lumber	529.35	
Oil	16.80	
Repairing Trenches	8,008.75	
Rubber Goods	70.00	
Teaming	167.20	
		9,765.78
Outlay—		
Lamps	48.90	
Sewer Pipe	4.60	
		53.50
Disbursed—		
Refunds on Deposits	21,987.01	
		21,987.01
Total Tearing Up Streets Funds	$66,758.29.	
Forward		$12,934,832.57

PUBLIC UTILITIES

INVESTIGATING WATER SUPPLY (HETCH HETCHY)

Forward		$12,934,832.57
Salaries—		
Stenographer	311.40	
		311.40
Expense—		
Advertising Bond Sale	138.85	
Expense of Supervisors	43.50	
Expert Services	935.00	
Printing	3.50	
Transportation of Supervisors	100.00	
Telegrams	27.01	
Typewriting	300.40	
		1,548.26

Total Investigating Hetch-Hetchy $1,859.66.

Condemnation (Spring Valley Water Co.)

Salaries—		
Civil Engineers	9,081.95	
Construction Engineers	6,013.67	
Draftsman	1,670.00	
Field Assistants	650.00	
Inspectors	2,272.20	
Surveyors	650.00	
Stenographers	2,192.35	
Special Assistants (City Attorney)	10,000.00	
		32,530.17
Expense—		
Appraisments	3,072.25	
Blue Prints	536.27	
Carfare	47.65	
Expense of (J. H. Dockweiler)	43,953.12	
Electric Supplies	90.35	
Surveyor's Instruments	127.70	
		47,827.34

Total Condemnation (Spring Valley) $80,357.51.

INVESTIGATION OF GAS, TELEPHONE AND WATER RATES

Expense and Outlay of Investigation	6,000.00	
		6,000.00

Total $6,000.00.

Forward	$13,023,049.74

MISCELLANEOUS

PRINTING

Forward		$13,023,049.74
Expense—		
Municipal Law and Motion Calendar..	4,800.00	
License Blanks (Tax Collector).....	1,237.07	
Fee Receipt Books (Various Offices)..	2,840.16	
Municipal Reports	3,238.65	
Printing Public Documents.....	14,099.40	
		26,215.28
Total Printing $26,215.28.		
Redemption Advertising Fund.....	333.96	
		333.96
Total $333.96.		

TEACHERS' INSTITUTE FUND

Expense—		
Books	281.39	
		281.39
Total $281.39.		

WATER FOR PUBLIC BUILDINGS

Expense—		
Water Furnished Municipal Buildings	22,070.35	
		22,070.35
Total $22,070.35.		
Forward		$13,071,950.72

MUNICIPAL BOND FUNDS

Showing Amounts Expended from the Sale of Bonds for and During the Fiscal Year Ending June 30, 1914

PUBLIC BUILDINGS

School Bonds, 1904

Forward		$13,071,950.72
Salaries—		
Chemist	83.90	
Draftsman	456.65	
Inspector	4,671.85	
Photographer	15.00	
Surveyor	363.15	
Structural Engineer	432.95	
		6,023.50
Expense—		
Blue Prints	118.83	
Electrical Supplies	11.81	
Printing	27.12	
Rent of Auto	45.00	
		202.76
Outlay—		
Construction of (Columbus School)	48,325.00	
Construction of (Edison School)	50,558.21	
Construction of (Glen Park School)	56,935.25	
		155,818.46

Total School Bonds, 1904, $162,044.72.

School Bonds, 1908

Salaries—		
Carpenter	35.00	
Chemist	41.45	
Draftsman	1,924.50	
Designer	191.35	
Electrical Superintendent	67.75	
Inspectors	1,790.40	
Structural Engineer	473.40	
Surveyor	379.95	
Steamfitter and Plumber	183.00	
		5,086.80
Forward		$13,239,082.24

MUNICIPAL BOND FUNDS—Continued

Forward		$13,239,082.24
Expense—		
Architect's Services	4,728.00	
Appraisements	3,989.40	
Architect's Supplies	35.10	
Auto Hire	135.00	
Carfare	16.30	
Photo and Blue Prints	395.27	
Report on Titles	40.00	
		9,339.07
Outlay—		
Furniture and Equipment, Patrick Henry School	2,587.02	
Furniture and Equipment, Edison School	333.00	
Furniture and Equipment, Glen Park School	32.08	
Furniture and Equipment, Girls' High School	17,434.85	
Furniture and Equipment, Lowell High School	2,691.47	
Furniture and Equipment, Starr King School	3,943.22	
Athletic Apparatus, Starr King School	1,187.00	
Construction of Starr King School	27,385.30	
Construction of Marshall School	24,511.29	
Construction of Washington Irving School	3,750.00	
Construction of Oriental School	3,702.00	
Construction of McKinley School	200.00	
Lease of Property	500.00	
Purchase of Land	4,500.00	
		92,757.23

Total School Bonds, 1908, $107,183.10.

POLYTECHNIC HIGH SCHOOL BONDS, 1910

Salaries—		
Chemist	67.20	
Designer	124.35	
Draftsman	500.70	
Inspectors	2,813.55	
Forward	$ 3,505.80	$13,341,178.54

MUNICIPAL BOND FUNDS—Continued

Forward	$ 3,505.80	$13,341,178.54
Structural Engineer	434.40	
Superintendent of Electricity	25.00	
Surveyors	191.30	
		4,156.50
Expense—		
Blue Prints	69.75	
Electric Work	282.25	
Plumbing	7,200.00	
Side Sewer	55.75	
Tools	361.61	
		7,969.36
Outlay—		
Brass Furnaces	1,514.50	
Constructing Cupola	3,540.00	
Furniture	831.60	
General Construction	162,103.65	
Heating Plant	6,345.00	
Installing Generator	921.00	
Installing Spark Device	990.00	
Wire Benches	966.00	
		177,211.75

Total Polytechnic High School Bonds, 1910, $189,337.61.

Total of All School Bonds $458,565.43.

SEWER BONDS, 1904

Salaries—		
Civil Engineer	10,303.60	
Chemist	680.00	
Clerk	266.45	
Draftsmen	6,168.75	
Field Assistants	450.00	
Inspectors	1,227.50	
Laborers	175.00	
Photographer	57.63	
Stenographers	1,765.00	
		21,093.93
Expense and Outlay—		
Carfare	323.70	
Electrical Supplies	13.91	
Forward	$ 337.61	$13,551,610.08

MUNICIPAL BOND FUNDS—Continued

Forward	$ 337.61	$13,551,610.08
Furnishing Data (Bakers Beach)	250.00	
Installing Valves (Pump Station)	41.00	
Leather Case	15.50	
Lumber	17.50	
Plate Glass	25.00	
Purchase of Pipe	1,967.11	
Rubber Boots	15.60	
Typewriter Supplies	45.00	
		2,714.32
Construction of Sewer, Tonquin Street	21,635.30	
Construction of Sewer, Brannan Street	8,521.94	
Construction of Sewer, Cortland Avenue	9,892.52	
Construction of Sewer, 26th Ave. and Cabrillo Street	16,457.72	
Construction of Sewer, Mission and 29th Street	16,733.32	
Construction of Sewer, Kentucky Street	23,876.02	
Construction of Sewer, Pierce Street	20,090.42	
Construction of Sewer, Ottowa Street	1,451.82	
Construction of Sewer, Lincoln Way	4,365.54	
Construction of Sewer, Golden Gate Park	10,747.02	
Construction of Sewer, Baker Street	5,758.18	
Construction of Sewer, Locksley and Lawton Streets	19,105.72	
Satisfaction of Judgment for Services on Market St. Sewer	9,000.00	
		167,635.52

Total Sewer Bonds, 1904, $191,443.77.

SEWER BONDS, 1908

Salaries—		
Clerk	150.00	
Civil Engineer	7,461.50	
Draftsman	1,705.90	
Field Assistants	225.00	
Inspectors	3,225.00	
Forward	$ 12,767.40	$13,721,959.92

MUNICIPAL BOND FUNDS—Continued

Forward	$ 12,767.40	$13,721,959.92
Laborers	919.10	
Photographer	63.00	
Stenographer	529.85	
		14,279.55
Expense—		
Carfare and Incidentals	161.94	
Freight	2,137.87	
Hawling and Laying Pipe	2,549.87	
		4,849.68
Outlay—		
Construction of Sewer, West Richmond and Sunset	27,378.97	
Construction of Sewer, Golden Gate Park E. from 48th Ave	146,656.09	
Construction of Sewer, Visitacion Valley	50,755.22	
Construction of Sewer, Division St.	2,000.00	
Construction of Sewer, Mile Rock Tunnel	1,122.30	
		227,912.58

Total Sewer Bonds, 1908, $247,041.61.

Total of All Sewer Bonds, 1904 and 1908, $438,485.38.

GEARY STREET RAILWAY BONDS, 1910

Salaries—		
Car Inspector	260.00	
Cement Finishers	177.00	
Carpenters	674.00	
Draftsman	115.00	
Engineers (Civil)	753.85	
Engineers (Electrical)	300.00	
Engineers (Mechanical and Structural	435.90	
Glazier	7.50	
Locksmith	41.25	
Laborers	156.84	
Painters	153.75	
Plumbers	90.00	
Stenographer	600.00	
Street Inspectors	335.00	
Forward	$ 4,100.09	$13,969,001.53

MUNICIPAL BOND FUNDS—Continued

Forward	4,100.09	$13,969,001.53
Tinners	83.75	
Teamsters	54.95	
Wireman	112.50	
		4,351.29
Expense and Outlay—		
Adding Machine	350.00	
Appraisements	132.83	
Basalt Blocks	710.22	
Construction of Power Conduit	5,634.46	
Construction of Barn	33,430.82	
Construction of Oil House	1,000.00	
Construction of Drains	809.10	
Construction of Masonic Ave. Extention	9,415.30	
Cash Register	458.50	
Drill Trucks	6,000.00	
Electrical Supplies	321.63	
Foundation for Tanks	150.00	
Freight on Cars	1,720.00	
Glass	11.93	
Hardware	1,270.20	
Insurance	115.00	
Installing Generator	3,117.00	
Incidentals	54.74	
Leasehold Interest (Purchase of Land)	7,000.00	
Lamps	180.00	
Millwork	700.22	
Machinery	1,753.05	
Metal Signs	91.75	
Paving	1,668.76	
Purchase of Land	40,000.00	
Printing and Stationery	188.40	
Steel Work	608.72	
		116,892.63

Total Geary St. Railway Bonds, 1910, $121,243.92.

MUNICIPAL RAILWAY BONDS, 1913

Salaries—		
Clerks	141.40	
Chemist	80.00	
Forward	221.40	$14,090,245.45

MUNICIPAL BOND FUNDS—Continued

Forward	$ 221.40	$14,090,245.45
Draftsmen	8,994.15	
Designer	223.95	
Engineers (Civil)	6,890.50	
Engineers (Electrical)	1,388.85	
Engineers (High Pressure)	1,221.00	
Engineers (Mechanical)	8,108.05	
Expert Track Inspector	2,674.20	
Field Assistants	4,643.50	
Inspectors (Streets and Sewers)	2,530.52	
Laborers	4,001.10	
Photographer	464.00	
Rammers and Pavers	25.50	
Stenographer	1,264.40	
Surveyors	2,079.20	
Teamster	154.40	
Watchman	473.90	
		45,358.62
Expense and Outlay—		
Automobile	656.00	
Appraising	120.00	
Badges, Punches, etc.	607.75	
Blue Prints	416.01	
Benefits Under Compensation Law	20.25	
Chain Blocks	390.00	
Crane (Rent of)	60.00	
Castings	1,273.21	
Construction of Track	272,946.03	
Cross Ties	39,516.87	
Engraving Bonds	1,250.00	
Electric Current	69.33	
Electrical Supplies	12,212.76	
Expert on Bonds	1,850.00	
Expense of J. W. Crigler	212.85	
Fuel	331.20	
Freight	72,848.52	
Hardware	299.69	
Hauling	535.22	
Incidentals	767.29	
Inspection of Rails	1,347.85	
Insurance	110.00	
Forward	$ 407,840.83	$14,135,604.07

MUNICIPAL BOND FUNDS—Continued

Forward	$ 407,840.83	$14,135,604.07
Lumber	331.70	
Livery	145.40	
Mimeograph	104.27	
Motor Equipment	51,870.00	
Paints and Oils	61.91	
Purchase of Land	33,256.25	
Purchase of Presidio and Ferries Railway	262,535.32	
Refund of Taxes	104.14	
Stationery and Printing	712.80	
Telegrams	59.60	
Typewriter	35.00	
Trolley Poles	38,695.11	
		795,752.33

Total Municipal Railway Bonds, 1913, $841,110.95.
Total of All Municipal Railway Bonds, $962,354.87.

HETCH HETCHY WATER BONDS, 1910

Salaries—		
Assistant Civil Engineer	3,734.50	
Axeman	150.00	
Bond Expert	250.00	
Carpenter	104.00	
Cook	984.95	
Draftsman	1,999.85	
Estimator	55.65	
Engineer of Hydraulics	3,775.00	
Foreman	110.00	
Hydrographer	1,600.00	
Laborers	2,996.82	
Photographer	54.55	
Services of Attorney	3,135.38	
Stenographer	2,175.20	
Surveyor and Field Assistants	7,791.65	
		28,917.55
Expense and Outlay—		
Abstracts	150.00	
Automobile	622.00	
Barograph	2.50	
Blue Prints	469.74	
Forward	$ 1,244.24	$14,960,273.95

MUNICIPAL BOND FUNDS—Continued

Forward	$ 1,244.24	$14,960,273.95
Cartage	14.88	
Cost of Filing Suit	7.30	
Culvert Pipe	1,775.28	
Drugs	8.20	
Expressage	215.39	
Expense in Riparian Rights	311.30	
Expense of Toll	5.75	
Expense of Delegates to Los Angeles	764.90	
Expense of Jno. S. Dunnigan at Washington, D. C.	3,250.00	
Expense of A. T. Vogelsang at Washington, D. C.	2,650.00	
Expense of Percy V. Long at Washington, D. C.	723.50	
Expense of M. M. O'Shaughnessey at Washington, D. C.	500.00	
Expense of Jas. Rolph, Jr., at Washington, D. C.	500.00	
Expense of Jno. R. Freeman at Washington, D. C.	3,588.22	
Expense of Services of A. M. Johnson	100.00	
Expense of Services of E. J. Koppitz	63.64	
Forage	135.00	
Hardware	1,029.87	
Hotel Expenses	3,715.61	
Incidentals	30.88	
Incidentals for Ed. Rainey	102.80	
Livery and Teaming	1,190.50	
Lumber	98.21	
Maps and Surveyor's Instruments	462.89	
Printing Bonds	279.97	
Printing and Stationery	150.51	
Paint	7.93	
Publicity and Passage of Hetch Hetchy Bill	187.15	
Tent	117.68	
Telegraph Services	590.76	
Transportation and Supplies (G. W. Bartels)	2,752.32	
Forward	$ 26,574.68	$14,960,273.95

MUNICIPAL BOND FUNDS—Continued

Forward	$ 26,574.68	$14,960,273.95
Typewriting	60.50	
Wire	230.30	
		26,865.48

Total Hetch Hetchy Bonds, 1910, $55,783.03.

FIRE PROTECTION BONDS, 1908

Salaries—		
Clerks	275.00	
Caulkers	1,110.80	
Draftsman	2,240.00	
Engineers (Civil)	2,522.55	
Engineers (High Pressure)	789.00	
Engineers (Structural)	2,906.66	
Engineers (Electrical)	600.00	
Inspectors	917.50	
Laborers	973.35	
Machinist	1,378.30	
Photographer	99.55	
Stenographer	266.00	
Watchman	1,593.10	
		15,671.81
Expense and Outlay—		
Blacksmithing	75.00	
Blue Prints	19.94	
Bolts	305.62	
Brooms	15.79	
Cottage	218.00	
Castings and Manhole Covers	599.11	
Cement	127.50	
Construction of Pumping Stations	71,687.00	
Construction of Tanks	19,312.93	
Construction of Twin Peaks Reservoir	562.41	
Felt and Asbestos	34.15	
Freight	1,568.98	
Fuel and Oil	224.19	
Fuse	1.40	
Gas and Power	569.57	
Hardware	1,343.06	
Hauling and Laying Pipe	25,226.17	
Incidentals	133.50	
Forward	$ 122,024.32	$15,002,811.24

MUNICIPAL BOND FUNDS—Continued

Forward	$ 122,024.32	$15,002,811.24
Livery	225.00	
Lumber	28.05	
Machinery	70.75	
Paints	1.63	
Pipe Testing and Inspection	31.49	
Pipe	13,836.11	
Plumbing	124.08	
Repairs to Heater	28.00	
Repairs to Streets	272.41	
Repairs to Sewers	323.55	
Rubber Goods	104.19	
Steel Framer	2,567.00	
		139,636.58

Total Fire Protection Bonds, 1908, $155,308.39.

LIBRARY BONDS, 1904

Expense—		
Designs for Library	8,800.00	
Services on Competition Programs	86.25	
		8,886.25

Total Library Bonds, 1904, $8,886.25.

STREET BONDS, 1904

Expense—		
Paving Elwood St	217.02	
		217.02

Total Street Bonds, 1904, $217.02.

HOSPITAL BONDS, 1908

Salaries—		
Asphaltman	9.70	
Carpenter	5.00	
Designer	21.75	
Draftsman	1,303.20	
Engineers (Structural)	213.55	
Engineers (Stationary)	1,750.85	
Glazier	2.50	
Inspectors	1,137.10	
Mechanic	704.00	
Steamfitter	36.00	
Forward	$ 5,183.65	$15,151,551.09

MUNICIPAL BOND FUNDS—Continued

Forward	$ 5,183.65	$15,151,551.09
Surveyor	193.45	
Superintendent of Electricity	141.15	
Watchman	1,094.10	
Wireman	15.00	
		6,627.35
Expense and Outlay—		
Auto Hire	45.00	
Blue Prints and Plans	212.48	
Construction of Building	11,219.47	
Extra Work	835.00	
Electrical Supplies	60.00	
Fuel and Fuel Oil	879.61	
Furniture and Equipment	10,411.00	
Glass	7,248.68	
Grading	12,999.00	
Hardware	2,130.21	
Incidentals	39.98	
Lumber	18.80	
Marble	925.00	
Painting	19,168.63	
Paints, etc.	21.54	
Signal System	4,560.00	
Ventilators	321.23	
		71,095.63

Total Hospital Bonds 1908 $77,722.98

HOSPITAL AND JAIL BONDS, 1913

Salaries—		
Designer	45.00	
Draftsman	1,229.00	
Expert on Bonds	1,050.00	
Engineer (Mechanical)	32.15	
Engineer (Stationary)	175.00	
General Mechanic	120.00	
Inspector	775.00	
Surveyor	151.40	
Watchman	180.00	
		3,757.55
Expense and Outlay—		
Completion of Morgue	26,217.00	
Extra Work	106.25	
Forward	$ 26,323.25	$15,233,031.62

MUNICIPAL BOND FUNDS—Continued

Forward	$ 26,323.25	$15,233,031.62
Printing	40.68	
Rent of Auto	45.00	
		26,408.93

Total Hospital and Jail Bonds 1913 $30,166.48

GARBAGE BONDS, 1908

Salaries—		
Draftsman	57.00	
Engineers (Civil)	950.00	
Engineers (Mechanical)	2,863.34	
Inspectors	275.00	
Stenographer	60.00	
		4,205.34
Expense and Outlay—		
Blue Prints	.18	
Bonus on Contract	1,150.00	
Carfare	26.85	
Construction of Incinerator	8,093.50	
Installing Water Mains	230.38	
Lamps	124.96	
Livery	202.50	
Steel Frames	1,206.00	
Telephone Service	4.60	
		11,038.97

Total Garbage Bonds 1908 $15,244.31

MARKET ST. RAILWAY EXTENSION BONDS, 1910

Salaries—		
Inspectors	45.00	
		45.00
Expense and Outlay—		
Excavating	36.65	
General Construction	10,225.21	
Installing Insulators	27.48	
Printing	6.78	
Purchase of One Half Interest in Outer Rails	19,518.74	
		29,814.86

Total Market St. Railway Ext. Bonds 1910 $29,859.86

Forward	$15,304,544.72

MUNICIPAL BOND FUNDS—Continued

CITY HALL AND CIVIC CENTER BONDS, 1912

Forward		$15,304,544.72
Salaries—		
Architect	213.00	
Clerk	115.00	
Carpenters	135.00	
Civil Engineer	202.35	
Designer	1,671.05	
Draftsman	1,421.60	
Inspectors of (Buildings)	2,644.10	
Inspectors of (Streets and Sewers)	80.00	
Inspectors of (Steel)	480.80	
Locksmith	7.50	
Laborers	214.00	
Rammers and Pavers	196.00	
Surveyor	188.95	
Wireman	10.00	
		7,579.35
Expense and Outlay—		
Abstract of Title	114.00	
Appraisement	1,338.50	
Assignment of Lease	29,035.00	
Auto Hire	45.00	
Advancement of Money (City Atty.)	200.00	
Blue Prints	193.67	
Canvas Stretcher	10.50	
Consulting Architects	45.625.00	
Crushing Brick	10,348.09	
Deposit of Coin in Corner Stone	36.91	
Electrical Work	10,950.00	
Erecting Steel	63,572.13	
Erecting Fence Around School	379.50	
Freight	104,192.68	
Foundation of City Hall	43,953.92	
Fuel Oil	26.11	
Fire Proofing	76,500.00	
Glass	51.90	
Grading and Excavating	15,730.35	
Hardware	1.50	
Heating	3,900.00	
Inspection of Steel Work	6,452.19	
Forward	$ 412,646.95	$15,312,124.07

MUNICIPAL BOND FUNDS—Continued

Forward	$ 412,646.95	$15,312,124.07
Lumber	138.60	
Moving High School	150,140.00	
Models	1,312.65	
Mason and Granite Work	100,880.04	
Paint	12.50	
Photo Supplies	72.56	
Purchase of Land	30,825.00	
Plumbing	16,605.00	
Printing	237.30	
Razing (Burnett Building)	1,735.00	
Razing (Heald's Business College)	5,000.00	
Repairs to Civic Center Buildings	2,135.24	
Report on Titles	2,792.50	
Steel Work (City Hall)	360,972.54	
Telegraph Service	27.71	
Teaming	74.75	
Terra Cotta	1,147.50	
Water Color Drawings	1,100.00	
		1,087,865.84

Total City Hall and Civic Center Bonds 1912 $1,095,445.19

Total of all Public Building Bond Funds $3,328,039.19

Forward	$16,399,989.91

PREMIUM AND REDEMPTION FUNDS

CITY HALL AND CIVIC CENTER PREMIUM ACCOUNT

Forward		$16,399,989.91
Expense—		
Fees to Dillon and Hubbard	250.00	
		250.00
Total $250.00.		

PANAMA PACIFIC PREMIUM ACCOUNT

Expense—		
Fees to Dillon, Thompson and Clay	1,500.00	
		1,500.00
Total $1,500.00.		
Forward		$16,401,739.91

BOND INTEREST AND REDEMPTION FUND

INTEREST ACCOUNT

Forward		$16,401,739.91
Hospital, 1904	1,312.50	
School, 1904	26,356.75	
Street, 1904	22,074.50	
Jail, 1904	4,567.50	
Library, 1904	13,665.75	
Play Ground, 1904	20,396.25	
Park Extention, 1904	9,040.50	
Mission Park, 1904	8,048.25	
Water Supply, 1909	9,990.00	
Geary St. Railway, 1910	86,445.00	
Polytechnic High School, 1910	23,962.50	
Hetch Hetchy, 1910	50,017.50	
Hospital and Jail, 1913	14,107.50	
Fire Protection, 1908	260,250.00	
Sewer, 1908	189,375.00	
School, 1908	234,600.00	
Hospital, 1908	90,150.00	
Hall of Justice, 1908	46.250.00	
Garbage, 1908	36,750.00	
City Hall, 1912	300,150.00	
Market St. Extension, 1910	2,610.00	
Exposition, 1^12	241.050.00	
		1,691,169.50

REDEMPTION

School, 1904	89,800.00	
Hospital, 1904	25,000.00	
Sewer, 1904	181,200.00	
Street, 1904	40,500.00	
Jail, 1904	17,400.00	
Library, 1904	41,100.00	
Play Grounds, 1904	18,500.00	
Park Extention, 1904	8,200.00	
Mission Park, 1904	7,300.00	
Water Supply, 1909	112,000.00	
Hospital, 1908	100,000.00	
Hall of Justice, 1908	50,000.00	
Forward	$ 691,000.00	$18,092,909.41

BOND INTEREST AND REDEMPTION FUND—Continued

Forward	$ 691,000.00	$18,092,909.41
Garbage, 1908	50,000.00	
Polytechnic High School, 1910	25,000.00	
		766,000.00

Total Bond Int. and Redemption Fund $2,457,169.50.

INVESTMENT FUND

Redemption of Presidio Bond Funds	8,042.78	
Redemption of Mission Park Funds	7,360.33	
Redemption of School Bonds, 1908	36,589.33	
Redemption of Water Supply Bonds	40,770.00	
Purchase of Bonds, Resolution No. 10342	200,526.67	
		293,289.11

Total Investment Fund $293,289.11.

DENMAN SILVER MEDAL FUND

Purchase of Bonds	3,000.00	
		3,000.00

Total $3,000.00.

EXCAVATION FUND

Salaries—		
Clerks	1,739.50	
Inspectors	1,770.00	
		3,509.50
Expense—		
Carfare	70.90	
Record Books	115.36	
Refunds	102.20	
		288.46

Total Excavation Fund $3,797.96

OVERPAYMENT OF CORPORATION TAXES

Refund of Taxes	938.49	
		938.49
		$19,159,934.97

Total Overpayment Corp. Taxes $938.49.

Grand Total $19,159,934.97.

TAX REDEMPTIONS FISCAL YEAR ENDING JUNE 30, 1914.

Year.	Taxes.	Penalty on Delinquency.	Costs.	Interest.	Penalty on Redemption.	Total.
1879.....	$ 11.37	$ .57	$ .50	$ 26.65	$	$ 39.09
1880.....	1.98	.10	1.00	4.54	.....	7.62
1905.....	83.52	10.03	1.00	42.04	40.61	177.20
1906.....	87.22	.....	.....	38.67	43.61	169.50
1907.....	100.99	10.80	10.00	37.22	50.02	209.03
1908.....	684.32	63.36	26.50	243.67	365.45	1,383.30
1909.....	925.41	34.15	18.50	237.25	421.15	1,636.46
1910.....	3,112.40	310.29	43.50	529.30	1,249.98	5,245.47
1911.....	4,460.67	182.27	99.00	435.63	1,348.24	6,525.81
1912.....	19,795.13	1,373.79	345.00	609.23	2,648.59	24,780.74
	$29,263.01	$1,985.36	$554.00	$2,204.20	$6,167.65	$40,174.22

RECAPITULATION

TREASURER'S RECEIPTS

Advertising Fund		11,507.35
Advertising Redemption Fund		352.08
Bond Funds—		
Interest	1,854,230.88	
Public Building	6,727,424.11	
Redemption	954,539.72	
		9,536,194.71
Common School Fund		1,885,229.67
General Fund—		
Fiscal Year 1913-1914		8,952,959.65
Library Fund		98,137.92
Municipal Railway Fund—Geary St.		654,023.61
Municipal Railway Fund—Union St.		189,536.11
Park Fund		407,759.23
Relief Funds—		
Firemen's Relief Fund	83,998.49	
Police Relief and Pension Fund	23,466.88	
		107,465.37
Teachers' Institute Fund		710.00
Unapportioned Fee Fund		282,422.18
Water Works Fund		4,576.86
		22,130,874.74
Rebate Funds and Accounts		2,405,036.13
Assessor's Account		963,068.49
State of California		992,232.30
		$26,491,211.66

RECAPITULATED SOURCES OF REVENUE

Account Interest on Bond Sold	$ 70,811.29
Advertising	11,859.43
Apportionment of State Refund on Bonded Indebtedness	130,576.48
Assessor's Personal Property Taxes, 1914, not apportioned	963,068.49
Bond Sales, including Premiums	6,690,490.08
Bond Forfeitures, by Wave Motor Co., G. G. Park	150.00
Bill Board Permits	118.00
Building Permits	25,753.80
City Attorney, Interest on Impounded Moneys in re Pacific Gas and Electric Co.	10,405.53
Commission from State on Personal Property and Poll Taxes	18,738.02
Coroner, Money found on Decedents	221.01
Damages to City Property—Municipal Ry's, Hydrants, Library, etc.	494.06
Deposit made by Exposition Co. to cover cost of High Pressure System Connections	500.00
Fines from Courts, Library and Police Officers	58,874.14
Fire Boats: ½ Maintenance of, Paid by State of Calif.	19,223.69
Franchise Percentages	70,830.31
Interest on Bank Deposits and Investments	73,827.04
Interest on Bequests, Charitable	2,893.59
Interest on Denman Medal Fund, Bonds	92.92
Licenses	1,259,561.25
Maintenance City and County Charges in Hospitals, Orphanages, etc.	71,745.78
Municipal Bath Houses	273.48
Municipal Railways, Passenger Receipts and Advertising	839,382.93
Park	37,093.23
Payments for Sewer Construction by Baldwin & Howell and Spring Valley Water Co.	15,500.00
Police Relief and Pension Fund, Contributions, Cash and Rewards	22,638.53
Rebate and Assessment Accounts	2,276,306.07
Refunds	12,155.49
Repairing of Streets by Corporations, and use of Horses, Material, etc.	2,097.18
Rentals of Buildings and Lands	133,291.84
Sales of Material, Land, etc.	140,949.18
Forward	$12,959,922.84

RECAPITULATED SOURCES OF REVENUE—Continued

Forward	$12,959,922.84
Sales of Bion J. Arnold's Report on Transportation	59.75
Sales of City Engineer's Report on Underground Water Supply	10.50
Sales of Freeman's Report on Water Supply	206.19
Sale to U. S. Government, of Power Generated by Ft. Mason Pumping Station	699.10
State Apportionment to Schools	694,430.67
State of California	731,944.36
Taxes, City and County, Except Assessor's Collection, 1914, not Apportioned and State Refund on Bonded Indebtedness	11,814,626.96
Teachers' Institute Fund, Examination and Certificate Fees	710.00
Treasurer's Commission on Public Administrator's Estates and Inheritance Fees	1,602.25
Unapportioned Fee Fund, City and County Moneys	282,422.18
Water Works	4,576.86
	$26,491,211.66

TREASURER'S RECEIPTS

Advertising Fund—		
Board of Fire Commissioners	$ 340.45	
Board of Supervisors	6,675.40	
Dept. of Public Works	4,491.50	
		11,507.35
Advertising Redemption Fund—		
Redemption of Property Sold to State:		
Auditor	80.96	
Tax Collector	271.12	
		352.08
Bond Funds—		
Interest Accounts, 3½% Bonds of 1904:		
County Jail and Hall of Justice:		
Taxes	4,086.70	
Golden Gate Park Extension to Presidio.		
Taxes	8,748.49	
Hospital:		
Taxes	1,168.76	
Library:		
Taxes	19,714.73	
Mission Park:		
Taxes	7,585.04	
Playground:		
Taxes	20,414.89	
School:		
Taxes	28,261.63	
Accruel Interest	452.75	
Street:		
Taxes	21,589.36	
Geary St. Ry. Bonds of 1910—4½%:		
Taxes	40,634.31	
Hospital and Jail Bonds of 1913—4½%:		
Taxes	22,474.84	
Accrued Interest	11,545.76	
Market St. Ry. Bonds of 1910—4½%:		
Taxes	5,226.71	
Forward	$ 191,903.97	$ 11,859.43

TREASURER'S RECEIPTS—Continued

Forward	$ 191,903.97	$ 11,859.43
Polytechnic High School Bonds of 1910—4½%:		
Taxes	26,780.83	
Accrued Interest	485.75	
Water Supply Bonds of 1909—4½%.		
Taxes	7,017.87	
Water Supply, Hetch Hetchy Bonds of 1910—4½%:		
Taxes	50,441.53	
Accrued Interest	1,434.65	
City Hall Bonds of 1912—5%:		
Taxes	437,116.85	
Accrued Interest	26,873.57	
Exposition Bonds of 1912—5%:		
Taxes	274,600.82	
Fire Protection Bonds of 1908—5%:		
Taxes	240,254.39	
Garbage System Bonds of 1908—5%:		
Taxes	36,183.86	
Hall of Justice Bonds of 1908—5%:		
Taxes	43,483.74	
Hospital Bonds of 1908—5%:		
Taxes	85,799.13	
Accrued Interest	2,244.15	
Municipal Ry. Bonds of 1913—5%:		
Accrued Interest	11,906.17	
School Bonds of 1908—5%:		
Taxes	222,164.93	
Accrued Interest	8,580.59	
Sewer Bonds of 1908—5%:		
Taxes	179,670.18	
Accrued Interest	7,287.90	
		1,854,230.88
Bond Funds, From Sale of Bonds, Buildings and Material Rentals, etc.—		
School Bonds of 1904—3½%	172,100.00	
Sewer Bonds of 1904—3½%	181,200.00	
Geary St. Ry. Bonds of 1910—4½%. Sales of Building and Material	82.80	
Forward	$ 353,382.80	$ 1,866,090.31

TREASURER'S RECEIPTS—Continued

Forward	$ 353,382.80	$ 1,866,090.31
Hospital and Jail Bonds of 1913—4½%	661,000.00	
Polytechnic High School Bonds of 1910—4½%	80,000.00	
Water Supply, Hetch Hetchy, Bonds of 1910—4½%:		
Sales of Bonds	147,000.00	
Sales of Freeman's Report	206.19	
City Hall Bonds of 1912—5%:		
Sales of Bonds	2,332,000.00	
Premium	3,335.20	
Rentals	9,130.52	
Sales of Buildings and Material	7,006.25	
Fire Protection Bonds of 1908—5%:		
Payment by Exposition Co. to cover cost of High Pressure Connections	500.00	
Sales of Material	40,085.85	
Payment by U. S. Government for Power Supplied by Ft. Mason Pumping Station*	422.42	
Garbage System Bonds of 1908—5%	8,000.00	
Hospital Bonds of 1908—5%	285,000.00	
Municipal Ry. Bonds of 1913—5%:		
Sales of Bonds	1,802,500.00	
Premium	18,333.88	
School Bonds of 1908—5%:		
Sales of Bonds	600,000.00	
Premium	21.00	
Sewer Bonds of 1908—5%:		
Sales of Bonds	400,000.00	
Portion of Expense of Constructing Junipero Serra Boulevard Sewer Paid by Baldwin & Howell and Spring Valley Water Co.	15,500.00	
		6,727,424.11
Forward		$ 8,593,514.42

*For additional receipts see General Fund (Fire Commissioners)

TREASURER'S RECEIPTS—Continued

Forward		$ 8,593,514.42
Bond Funds, Redemption Accounts—		
County Jail and Hall of Justice Bonds of 1904—3½%:		
Taxes	17,494.30	
Golden Gate Park Extension to Presidio Bonds of 1904—3½%:		
Taxes	8,165.40	
Hospital Bonds of 1904—3½%:		
Taxes	23,335.45	
Library Bonds of 1904—3½%.		
Taxes	41,985.27	
Mission Park Bonds of 1904—3½%:		
Taxes	6,999.32	
Playground Bonds of 1904—3½%:		
Taxes	18,660.42	
School Bonds of 1904—3½%:		
Taxes	90,975.14	
Sewer Bonds of 1904—3½%:		
Taxes	181,803.85	
Street Bonds of 1904—3½%:		
Taxes	40,824.45	
Polytechnic High School Bonds of 1910—4½%:		
Taxes	24,565.52	
Water Supply Bonds of 1909—4½%:		
Taxes	100,892.38	
Garbage System Bonds of 1908—5%:		
Taxes	50,456.07	
Hall of Justice Bonds of 1908—5%:		
Taxes	49,477.25	
Hospital Bonds of 1908—5%:		
Taxes	98,036.15	
School Bonds of 1908—5%.		
Taxes	200,868.75	
		954,539.72
Common School Fund—		
Taxes	1,093,094.04	
Damage to School Property	.60	
Forward	$ 1,093,094.64	$ 9,548,054.14

TREASURER'S RECEIPTS—Continued

Forward	$ 8,849,320.93	$11,433,376.73
Board of Public Works—Reimbursement for Investigation, Specifications, etc., Stockton St. Tunnel	220.42	
Catholic Humane Bureau	1,775.87	
Criminal Insane	29.00	
Overpaid to Columbus S. & L. Society—Protested Taxes	78.86	
Tax Collector, Reimbursement a/c Stockton St. Tunnel—Postage, etc.	167.00	
Treasurer, Demand on Police Court Bail Money a/c in re B. Schweyer	25.00	
*For Additional Recipts see Pub. Bld. Fire Protection Bond Fund, 1908.		
Sheriff, Board of U. S. Prisoners	154.77	
State of California:		
Commission on Poll Taxes	17,442.10	
6% Commission to Assessor on Personal Property Taxes	1,295.92	
Fire Boats, ½ Cost of Maintenance of	19,223.69	
Orphans and Half Orphans—State's Share	57,675.61	
Taxes Refunded, State's Portion, Sec. 3804	35.19	
Lunacy Commission	470.00	
Municipal Bath Houses	273.48	
Sales of Property by Mayor:		
Automobile	387.10	
Buildings, Shacks, etc.	313.50	
Condemned Horses and Wagons	540.05	
Material	1,648.36	
Sales by Board of Supervisors of Bion J. Arnold's Report	59.75	
Sales by Department of Public Works.		
Building, Jackson St. betw. Front and Davis Sts.	20.00	
Cobbles	190.30	
Forward	$ 8,951,346.90	$11,433,376.73

TREASURER'S RECEIPTS—Continued

Forward	$ 8,951,346.90	$11,433,376.73
Engineer's Report, Underground Water Supply	10.50	
Treasurer's Commission on Public Administrator Estates	67.63	
Treasurer's Inheritance Fees	1,534.62	
		8,952,959.65
Investment Fund—Refund of Accrued Interest on Bonds		1,789.11
Library Fund—		
Taxes	94,504.92	
Books Damaged and Lost	188.70	
Fines etc.	3,406.05	
Returned Premium on Insurance	38.25	
		98,137.92
Municipal Railway Fund, Geary St. Division—		
Advertising	1,000.00	
Earned Interest on Bond Investments	3,579.19	
Passenger Receipts	648,849.32	
Rent of 875 Presidio Ave.	177.30	
Sales of Material, Brake Shoes, etc.	414.20	
Sundries: Broken Windows and Lost Fare Box Keys	3.60	
		654,023.61
Municipal Railway Fund, Union St. Division—		
Advertising	348.39	
Damages, Broken Windows	2.50	
Passenger Receipts	189,185.22	
		189,536.11
Park Fund—		
Taxes	367,725.39	
Beach Chalet	3,342.85	
Boat House Rent	300.00	
Bond Forfeiture, Wave Motor Co.	150.00	
Children's Quarters	32,380.50	
Grizzly Bear Club	5.00	
Japanese Tea Garden, Rent	600.00	
Mission Bank, Receipts on Deposit	260.89	
Forward	$ 404,764.63	$21,329,823.13

TREASURER'S RECEIPTS—Continued

Forward	$ 404,764.63	$21,329,823.13
Motorcycle Permits	26.00	
Material and Labor, Shipment of Animals	63.75	
Pacific Gas and Electric Co.	40.00	
Right of Way, United Railroads	100.00	
Refund on Freight Bills	20.51	
Sec'y Park Commissioners, Revolving Fund	37.99	
Sales of Animals and Material	1,607.19	
Sewer System, Academy of Science	941.79	
Use of Water, F. Rolandi	105.00	
Use of Team and Oil	52.37	
		407,759.23
Relief Funds—		
Firemen's Relief Fund—Taxes	83,998.49	
Police Relief and Pension Fund:		
Contributions	21,802.00	
Cash from Prisoners	606.53	
Fines	305.00	
Rewards	230.00	
Sales by Property Clerk	523.35	
		107,465.37
Relief Home Tract Fund—Sale of Land		123,830.00
Rebate and Assessment Accounts—		
Bequests:		
Windel Bequest Fund—Residue after Bond Investment	95.65	
Denman Medal Fund—Bequest of James Denman	3,000.00	
Duplicate Tax Fund—Duplicate and Overpayment of Taxes	7,502.81	
Excavation Fund—Corporation Permits to open Trenches	18,890.95	
House Moving Funds:		
Dept. of Public Works	1,900.00	
Dept. of Electricity	475.00	
Investment Fund—Redemption of Bonds	94,300.00	
Forward	$ 126,164.41	$21,968,877.73

TREASURER'S RECEIPTS—Continued

Forward	126,164.41	$21,968,877.73
Overpayment Corporation Personal Property Taxes Fund—Overcollection by Assessor	1,043.76	
Police Court Bail Money Account—Bail Deposited	646.490.00	
Polk St. Regrade Assessment Fund—Assessments	61,671.69	
Special Badge Fund—Deposits on Badges	355.00	
Special Permit Fund—Deposits for Sidewalk and Street Space	67,071.00	
Stockton St. Tunnel Assessment Fund:		
Assessments	57,465.94	
Assessments, City and County Portion	48,971.20	
Stockton St. Tunnel Redemption Fund — Property Redeemed, Ord. 2186	314.84	
Twin Peaks—Ridge Tunnel Assessment Fund—Assessments	1,197,125.76	
Twin Peaks Ridge Tunnel Assessment Redemption Fund—Redemptions	756.02	
Tearing Up Street Fund—Permits issued for Side Sewer Openings	67,562.15	
Vulcan St. Extension Assessment Fund—Assessments	1,314.30	
		2,276,306.07
Robinson Bequest Interest Fund—Interest		2,000.00
Teachers' Institute Fund—Examination and Certificate Fees		710.00
Unapportioned Fee Fund:		
Auditor	51.50	
Board of Health	1,188.25	
Board of Public Works	18,975.90	
Coroner	5.75	
County Clerk	84,100.65	
County Clerk, Naturalization Fees	20,668.50	
Dept. of Electricity	13,517.58	
Forward	138,508.13	$24,247,893.80

TREASURER'S RECEIPTS—Continued

Forward	$ 138,508.13	$24,247,893.80
Justices' Clerk	29,306.00	
Police Department	1,215.00	
Police Department, Hack Inspection, Ord. 1898	92.00	
Pound	5,580.65	
Recorder	76,221.65	
Registrar of Voters	1,453.45	
Sheriff	30,045.30	
		282,422.18
Water Works Fund. Water Rentals		4,576.86
Windel Bequest Fund—		
Interest	893.59	
Refund of Account Interest	124.44	
		1,018.03
Assessor's Account—		
Personal Property Taxes		963,068.49
		25,498,979.36
State of California—		
Taxes	219,291.51	
Taxes, Corporation from Assessor	5,634.23	
Taxes, 1913, Corporation from Tax Collector	35,358.18	
Taxes, 1913, Corporation from Tax Collector, being Reassessments	4.02	
Inheritance Taxes	571,223.11	
Maintenance of Minors:		
Feeble Minded, Glen Ellen	26,460.00	
California School for Girls	92.05	
Preston School of Industry	7,411.06	
Whittier Reform School	427.24	
Poll Taxes	98,727.30	
Public School Teachers' Permanent Fund	15,941.63	
Public Administrator, Escheated Estate	6,695.72	
Redemption of Property Sold to State	3,700.58	
Sales of Property by State, Sec. 3897	1,265.68	
		992,232.30
Total Receipts		$26,491,211.66

RECAPITULATION OF PAYMENTS BY TREASURER

Advertising Redemption Fund		$333.96
Assessor's Account		852,202.45
Bonds—		
Interest	1,691,169.50	
Public Building	3,483,813.50	
Redemption	766,000.00	
City Hall Premium Fund	878.00	
Exposition Premium Fund	1,500.00	
		5,943,361.00
Common School Fund		1,885,621.01
General Fund		8,917,528.07
Library Fund		92,626.38
Municipal Railway Funds—		
Geary St. Division	338,624.24	
Union St. Division	81,027.70	
		419,651.94
Park Fund		419,529.57
Relief Funds		188,815.51
Relief Home Tract Fund		113,273.63
Rebate Funds and Accounts		1,419,948.04
Teachers' Institute Fund		524.52
Unappropriated Fee Fund		16,422.20
Water Works Fund		5,395.42
State of California		987,331.35
		$21,262,565.05

PAYMENTS BY TREASURER

Advertising Fund—		
Redemption of Property Sold to State		333.96
Assessor's Account—		
Apportioned to Sundry Funds		852,202.45
Bonds, Interest—		
County Jail and Hall of Justice, Issue of 1904—3½%	4,567.50	
Golden Gate Park Extension to Presidio, Issue of 1904—3½%	9,040.50	
Hospital, Issue of 1904—3½%	1,312.50	
Library, Issue of 1904—3½%	13,665.75	
Mission Park, Issue of 1904—3½%	8,048.25	
Playground, Issue of 1904—3½%	20,396.25	
School, Issue of 1904—3½%	26,356.75	
Street, Issue of 1904—3½%	22,074.50	
Geary St. Railway, Issue of 1910—4½%	86,445.00	
Hospital and Jail, Issue of 1913—4½%	14,107.50	
Market St. Railway, Issue of 1910—4½%	2,610.00	
Polytechnic High School, Issue of 1910—4½%	23,962.50	
Water Supply, Issue of 1909—4½%	9,990.00	
Water Supply, Hetch Hetchy, Issue of 1910—4½%	50,017.50	
City Hall, Issue of 1912—5%	300,150.00	
Exposition, Issue of 1912—5%	241,050.00	
Fire Protection, Issue of 1908—5%	260,250.00	
Garbage, Issue of 1908—5%	36,750.00	
Hall of Justice, Issue of 1908—5%	46,250.00	
Hospital, Issue of 1908—5%	90,150.00	
School, Issue of 1908—5%	234,600.00	
Sewer, Issue of 1908—5%	189,375.00	
		$1,691,169.50
Bonds, Public Building—		
Library, Issue of 1904—3½%	8,886.25	
School, Issue of 1904—3½%	161,720.95	
Sewer, Issue of 1904—3½%	208,406.45	
Forward	$ 379,013.65	$ 2,543,705.91

PAYMENTS BY TREASURER—Continued

Forward	$ 379,013.65	$ 2,543,705.91
Street, Issue of 1904—3½%	217.02	
Geary St. Railway, Issue of 1910—4½%	151,284.57	
Hospital and Jail, Issue of 1913—4½%	28,684.73	
Market St. Railway, Issue of 1910—4½%	44,859.86	
Polytechnic High School, Issue of 1910—4½%	189,820.06	
Water Supply, Hetch Hetchy, Issue of 1910—4½%	54,243.06	
City Hall, Issue of 1912—5%	1,095,073.47	
Fire Protection, Issue of 1908—5%	180,290.05	
Garbage System, Issue of 1908—5%	15,495.81	
Hospital, Issue of 1908—5%	123,471.28	
Municipal Street Railway, Issue of 1913—5%	815,356.24	
School, Issue of 1908—5%	132,211.61	
Sewer, Issue of 1908—5%	273,792.09	
		$3,483,813.50
Bonds, Redemption—		
County Jail and Hall of Justice, Issue of 1904—3½%	17,400.00	
Golden Gate Park Extension to Presidio, Issue of 1904—3½%	8,200.00	
Hospital, Issue of 1904—3½%	25,000.00	
Library, Issue of 1904—3½%	41,100.00	
Mission Park, Issue of 1904—3½%	7,300.00	
Playground, Issue of 1904—3½%	18,500.00	
Street, Issue of 1904—3½%	40,500	
School, Issue of 1904—3½%	89,800.00	
Sewer Issue of 1904 3½%	181,200.00	
Polytechnic High School, Issue of 1910—4½%	25,000.00	
Water Supply, Issue of 1909—4½%	112,000.00	
Garbage System, Issue of 1908—5%	50,000.00	
Hall of Justice, Issue of 1908—5%	50,000.00	
Hospital, Issue of 1908—5%	100,000.00	
		766,000.00
City Hall Premium Fund—		
Demands Paid		878.00
Forward		$ 6,794,397.41

PAYMENTS BY TREASURER—Continued

Forward		$ 6,794,397.41
Common School Fund—		
Demands Paid		1,885,621.01
Exposition Premium Fund—		
Demands Paid		1,500.00
General Fund, Fiscal Year 1913-1914—		
Demands Paid		8,917,528.07
Library Fund—		
Demands Paid		92,626.38
Municipal Railway Funds—		
Geary St. Division—Demands Paid	338,624.24	
Union St. Division—Demands Paid	81,027.70	
		419,651.94
Park Fund—		
Demands Paid		419,529.57
Rebate Funds and Accounts—		
Bequests—Demands Paid:		
Denman Medal Fund	3,000.00	
Robinson Bequest Interest Fund	2,000.00	
Windel Bequest Interest Fund	493.59	
Duplicate Tax Fund.		
Demands Paid	6,614.48	
Excavation Fund:		
Demands Paid	3,177.96	
House Moving—Demands Paid:		
Dept. of Public Works	2,002.65	
Dept. of Electricity	371.70	
Investment Fund:		
Demands Paid	293,289.11	
Overpayment Corporation Personal Property Taxes Fund:		
Demands Paid	944.17	
Police Court Bail Money Account:		
Demands Paid	654,085.00	
Special Permit Fund:		
Demands Paid	80,437.00	
Special Badge Fund:		
Demands Paid	320.00	
Forward	$ 1,046,735.66	$18,530,854.38

PAYMENTS BY TREASURER—Continued

Forward	$ 1,046,735.66	$18,530,854.38
Stockton St. Tunnel Assessment Fund:		
Demands Paid	248,398.77	
Street Assessment:		
Polk St. Regrade Assessment Fund—Demands Paid	50,623.75	
Tearing Up Street Fund.		
Demands Paid	69,308.37	
Twin Peaks Ridge Tunnel Assessment Fund:		
Demands Paid	4,881.49	
		1,419,948.04
Relief Home Tract Fund—		
Demands Paid		113,273.63
Relief Funds—		
Firemen's Relief Fund, Demands Paid	91,591.51	
Police Relief and Pension Fund, Demands Paid	97,224.00	
		188,815.51
Teachers' Institute Fund—		
Demands Paid		524.52
Unapportioned Fee Fund—		
Demands Paid		16,422.20
Water Works Fund—		
Demands Paid		5,395.42
State of California—		
Paid in May and December Settlements		987,331.35
Total Payments		$21,262,565.05
Balance on Hand June 30, 1914		11,460,989.03
		$32,723,554.08

BALANCE

Cash on hand July 1, 1913	$ 6,232,342.42	
Receipts During Fiscal Year 1913-1914	26,491,211.66	
	$32,723,554.08	
Payments During Fiscal Year 1913-1914	21,262,565.05	
Balance June 30, 1914		$11,460,989.03

CASH IN THE TREASURY OF THE CITY AND COUNTY OF SAN FRANCISCO JUNE 30, 1914

Bond Fund—	
City Hall Premiums	113,194.67
Interest	1,131,315.54
Public Building	5,072,837.44
Redemption	862,884.94
Firemen's Relief Fund	2,203.75
General Fund	1,399,203.52
Library Fund	50,982.16
Municipal Railway Fund	431,849.39
Park Fund	31,750.44
Police Relief and Pension Fund	26,359.93
Redemption Advertising Fund	28.22
Teachers' Institute Fund	1,294.99
Unapportioned Fee Fund	22,795.49
Water Works Fund	2,319.65
	$ 9,149,020.13
Rebate Funds and Accounts	1,354,523.56
	$10,503,543.69
Assessor's Tax Collections—not apportioned	929,575.20
State of California	34,870.30
	$11,467,989.19
Less A. C. Widber Deficiency	7,000.16
	$11,460,989.03

CONDITION OF TREASURY JUNE 30, 1914

Cash on hand June 30, 1914, at Credit of the following Funds and Accounts

CITY AND COUNTY FUNDS

Bond Funds—		
Interest Accounts:		
County Jail and Hall of Justice Bonds of 1904—3½%	2,584.12	
Golden Gate Park Extension to Presidio Bonds of 1904—3½%	5,108.10	
Hospital Bonds of 1904—3½%	820.20	
Library Bonds of 1904—3½%	30,642.69	
Mission Park Bonds of 1904—3½%	4,640.69	
Playground Bonds of 1904—3½%	12,890.23	
School Bonds of 1904—3½%	23,833.01	
Street Bonds of 1904—3½%	12,065.27	
Geary St. Railway Bonds of 1910—4½%	41,913.29	
Hospital and Jail Completion Bonds of 1913—4½%	19,913.10	
Market St. Railway Bonds of 1910—4½%	4,169.21	
Polytechnic High School Bonds of 1910—4½%	21,995.88	
Water Supply Bonds of 1909—4½%	5,479.87	
Water Supply, Hetch Hetchy Bonds of 1910—4½%	70,865.89	
City Hall Bonds of 1912—5%	196,025.05	
Exposition Bonds of 1912—5%	78,513.10	
Fire Protection Bonds of 1908—5%	150,540.43	
Garbage System Bonds of 1908—5%	30,239.29	
Hall of Justice Bonds of 1908—5%	24,588.22	
Hospital Bonds of 1908—5%	60,422.89	
Municipal St. Railway Bonds of 1913—5%	44,906.17	
School Bonds of 1908—5%	159,761.24	
Sewer Bonds of 1908—5%	129,397.60	
		1,131,315.54
Bond Funds—Public Building—		
Library Bonds of 1904—3½%	114,611.63	
School Bonds of 1904—3½%	56,231.79	
Forward	$ 170,843.42	$ 1,131,315.54

CONDITION OF TREASURY—Continued

Forward	$ 170,843.42	$ 1,131,315.54
Sewer Bonds of 1904—3½%	182,188.77	
Street Bonds of 1904—3½%	2,108.87	
Geary St. Railway Bonds of 1910—4½%	63,983.79	
Hospital and Jail Completion Bonds of 1913—4½%	608,846.39	
Market St. Railway Bonds of 1910—4½%	22,959.99	
Polytechnic High School Bonds of 1910—4½%	131,315.89	
Water Supply (Hetch Hetchy) Bonds of 1910—4½%	250,375.62	
City Hall Bonds of 1912—5%	1,630,682.22	
City Hall Premium Fund	113,194.67	
Fire Protection Bonds of 1908—5%	47,959.96	
Garbage System Bonds of 1908—5%	239,517.32	
Hall of Justice Bonds of 1908—5%	2,044.13	
Hospital Bonds of 1908—5%	8,384.43	
Municipal St. Railway Bonds of 1913—5%	913,456.70	
School Bonds of 1908—5%	418,608.99	
Sewer Bonds of 1908—5%	379,560.95	
		5,186,032.11
Bond Fund—Redemption Accounts—		
County Jail and Hall of Justice Bonds of 1904—3½%	18,758.74	
Golden Gate Park Extension to Presidio Bonds of 1904—3½%	9,218.83	
Hospital Bonds of 1904—3½%	24,564.77	
Library Bonds of 1904—3½%	44,624.63	
Mission Park Bonds of 1904—3½%	7,555.16	
Playground Bonds of 1904—3½%	19,729.31	
School Bonds of 1904—3½%	96,913.80	
Sewer Bonds of 1904—3½%	187,283.47	
Street Bonds of 1904—3½%	43,561.26	
Polytechnic High School Bonds of 1910—4½%	52.45	
Water Supply Bonds of 1909—4½%	6,008.42	
Garbage System Bonds of 1908—5%	52,634.48	
Hall of Justice Bonds of 1908—5%	50,678.99	
Forward	$ 561,584.31	$ 6,317,347.65

CONDITION OF TREASURY—Continued

Forward	$ 561,584.31	$ 6,317,347.65
Hospital Bonds of 1908—5%	100,431.88	
School Bonds of 1908—5%	200,868.75	
		862,884.94
Firemen's Relief Fund		2,203.75
General Fund, 1913-1914		1,399,203.52
Library Fund		50,982.16
Municipal Railway Fund, Geary St. Division		405,312.18
Municipal Railway Fund, Union St. Division		26,537.21
Park Fund		31,750.44
Police Relief and Pension Fund		26,359.93
Redemption Advertising Fund		28.22
Rebate Accounts and Funds—		
Beale St. Assessment Fund	493.50	
Denman Medal Fund	92.92	
Duplicate Tax Fund	14,871.40	
Excavation Fund	19,706.19	
House Moving Funds:		
Dept. of Public Works	300.00	
Dept. of Electricity	1,446.76	
Investment Fund	2,800.00	
Overpayment Corporation Taxes Fund	166.25	
Polk St. Regrade Assessment Fund	11,047.94	
Police Court Bail Money Account	20,369.50	
Relief Home Tract Fund	10,556.37	
Robinson Bequest Fund	250.00	
Robinson Bequest Interest Fund	500.00	
Special Badge Fund	1,034.00	
Special Permit Fund	44,003.75	
Stockton St, Tunnel Assessment Fund	2,174.43	
Stockton St. Tunnel Assessment Interest Fund	21,960.09	
Stockton St. Tunnel Assesment Redemption Fund	314.84	
Tearing Up Streets Fund	9,074.85	
Twin Peaks Tunnel Assessment Fund	1,159,443.75	
Twin Peaks Tunnel Assessment Interest Fund	31,226.61	
Forward	$ 1,351,833.15	$ 9,122,610.00

CONDITION OF TREASURY—Continued

Forward	$ 1,351,833.15	$ 9,122,610.00
Twin Peaks Tunnel Assessment Redemption Fund	756.02	
Vulcan St. Extension Assessment Fund	1,314.30	
Windel Bequest Fund	220.09	
Windel Bequest Interest Fund	400.00	
		1,354,523.56
Teachers' Institute Fund		1,294.99
Unapportioned Fee Fund		22,795.49
Water Works Funds		2,319.65
Total City and County Funds, excepting Taxes Collected by Assessor not apportioned		10,503,543.69

STATE AND CITY AND COUNTY FUNDS

Taxes Collected by Assessor, not apportioned	929.575.20
State of California	34,870.30
	11,467,989.19
Less A. C. Widber Deficiency	7,000.16
	$11,460,989.03

COMPARATIVE TREASURY RECEIPTS, FISCAL YEARS 1912-1913 AND 1913-14

	Fiscal Year 1912-13.	Fiscal Year 1913-14.
Taxes	$10,485,971.36	$11,814,626.96
Sales of Bonds	12,538,457.60	6,690,490.08
Licenses	1,236,893.00	1,259,561.25
State Apportionment to Schools	670,761.73	694,430.67
Fees, City and County Officer	285,338.48	282,422.18
Municipal Bath Houses		273.48
Municipal Railways, Passenger Receipts and Advertising	134,776.20	839,382.93
Refunds from State for Principal and Interest on Bonded Indebtedness	123,638.91	130,576.48
Interest on Bequests, Windel, Robinson and Denman (1912-1913 Receipts in Rebate Accounts)		2,986.51
Interest on Bank Deposits and Investments	72,386.37	73,827.04
Interest on Impounded Moneys in re Pacific Gas and Electric Co.		10,405.53
Rents of Buildings and Lands	99,077.68	133,291.84
Support of Orphan and Half Orphan—Proportion Paid by State	24,352.38	57,675.61
Franchise Percentages	65,992.58	70,830.31
Park Receipts	44,437.64	37,243.23
Accrued Interest on Bond Sales	119,124.71	70,811.29
Building Permits	32,334.80	25,753.80
Bill Board Permits		118.00
Fines from Courts, Library and Police	43,451.50	58,874.14
Fire Boats—one-half Cost of Maintenance of—Paid by State	42,843.15	19,223.69
Refunds—Various Departments	10,810.55	12,155.49
Sales by Various Departments of Lands, Materials, etc.	25,438.76	140,949.18
Commissions from State on Personal Property and Poll Taxes	17,527.11	18,738.02
Police Relief and Pension Fund—Contributions, Cash and Rewards	25,296.53	22,638.53
Advertising	7,633.62	11,859.43
Forward	$26,106,544.66	$22,479,145.67

COMPARATIVE TREASURY RECEIPTS—Continued

	Fiscal Year 1912-13.	Fiscal Year 1913-14.
Forward	$26,106,544.66	$22,479,145.67
Library Receipts (1913-14 receipts in "Fines and Damages")	3,457.10	
Water Rentals	4,393.75	4,576.86
Relief Home, Maintenance	1,707.01	958.67
Juvenile Court, Maintenance	12,635.51	11,700.72
Commission in Lunacy (1913-14 Receipts in Refunds)	190.00	
Teachers' Institute	474.00	710.00
Damages to City Property (Hydrants, Railways, etc.)	46.57	494.06
City and County Hospital and Isolation Hospital—Maintenance	1,585.17	1,256.01
Coroner, Money found on Decedents	222.80	221.01
Miscellaneous	4,619.98	20,829.74
Total	$26,135,876.55	$22,519,892.74
Assessor's Collections, not Apportioned	838,212.24	963,068.49
Rebate Accounts and Funds—		
Police Court Bail Money	559,460.00	646,490.00
Special Permits	84,585.00	67,071.00
Excavation Permits	3,555.60	18,890.95
Investment Fund		94,300.00
Tearing Up Streets	87,082.60	67,562.15
Overpaid Corporation Personal Property Taxes Fund		1,043.76
Duplicate and Overpayment of Taxes	10,398.80	7,502.81
House Moving Funds	2,840.00	2,375.00
Bequest Funds, Denman and Windel	3,392.12	3,095.65
Special Badges	310.00	355.00
Tunnel Assessments	364,263.31	1,304,633.76
Street Assessments	41.65	62,985.99
	28,090,017.87	25,759,267.30
State of California	996,891.31	731,944.36
	$29,086,909.18	$26,491,211.66

TRANSFER ENTRIES—FISCAL YEAR ENDING JUNE 30, 1914.

Total Transfers—Permanent and Temporary	$8,438,838.73	$8,438,838.73

PERMANENT

Sundries to General Fund		406,388.98
Advertising Fund	11,899.85	
House Moving, Dept. of Public Works	27.35	
Police Relief and Pension Fund	13,460.40	
Public Building Bond Funds:		
Hospital and Jail, 4½% Bond Fund, 1913	23,468.88	
Municipal Railway 5% Bond Fund, 1913	42,020.94	
Reserve Fund	48,971.20	
Unapportioned Fee Fund	266,540.18	
State of California	.18	
General Fund to Sundries	96,307.35	
Excavation Fund		500.00
Firemen's Relief Fund		5,000.00
Park Fund		6,120.00
Police Relief and Pension Fund		77,723.35
Widber Deficiency Account		6,964.00
Public Building Market St. Ry. 4½% Bond Fund, 1910	1,180.15	
To Public Building Geary St. Ry. 4½% Bond Fund, 1910		1,180.15
Public Building City Hall 5% Bond Fund, 1912	3,335.20	
To City Hall Premium Fund		3,335.20
Public Building Municipal St. Ry. Bond Fund, 1913	50,000.00	
To Municipal Railway Fund, Geary St. Division		50,000.00
City Hall Premium Fund	39,245.13	
To Public Building City Hall 5% Bond Fund, 1912		39,245.13
Forward	$ 596,456.81	$ 596,456.81

TRANSFER ENTRIES—Continued

Forward	$ 596,456.81	$ 596,456.81
Exposition 5% Bond Interest Fund	125.00	
To Sewer 5% Bond Interest Fund		125.00
Geary St. Railway 4½% Bond Interest Fund	943.36	
To Market St. Railway 4½% Bond Interest Fund		943.36
Municipal Railway Fund, Geary St. Division	42,500.00	
To Geary St. Railway 4½% Bond Interest Fund		42,500.00
Municipal Railway Fund, Union St. Division	81,971.20	
To Reserve Fund		48,971.20
To Municipal St. Railway 4½% Bond Interest Fund		33,000.00
Polytechnic High School 4½% Bond Interest Fund	486.93	
To Polytechnic High School 4½% Bond Redemption Fund		486.93
Sewer 5% Bond Interest Fund	1,250.00	
To Exposition 5% Bond Interest Fund		1,250.00
Stockton St. Tunnel Assessment Fund	13,159.98	
To Stockton St. Tunnel Interest Fund		13,159.98
Twin Peaks Ridge Tunnel Assessment Fund	32,800.52	
To Twin Peaks Ridge Tunnel Interest Fund		31,226.61
To Duplicate Tax Fund		1,181.41
To Advertising Fund		392.50
Unapportioned Fee Fund	1,308.50	
To Police Relief and Pension Fund		1,308.50
Total Permanent Transfers	$771,002.30	$771,002.30

TRANSFER ENTRIES—Continued

General Fund Transfers from one subdivision to another having no effect on the Consolidated General Fund.

General Fund, 1912-1913	1,053,690.31	
To General Fund, 1913-1914		1,053,690.31
General Fund, 1913-1914	1,399,203.52	
To General Fund, 1914-1915		1,399,203.52
	2,452,893.83	2,452,893.83

TEMPORARY TRANSFERS.

LOAN TRANSFERS

Assessors' Account to Sundries	783,500.00		
Common School Fund			147,500.00
Firemen's Relief Fund			10,000.00
General Fund			601.000.00
Park Fund			25,000.00
City Hall Premium Fund	94,000.00		
To City Hall 5% Bond Interest Fund			94,000.00
Public Building Funds			
City Hall 5% Bond Fund, 1912, to Sundries	1,097,482.60		
Common School Fund			190,000.00
Firemen's Relief Fund			32,000.00
General Fund			800,000.00
Park Fund			75,000.00
Garbage System 5% Bond Fund, 1908, to Sundries	123,000.00		
General Fund			85,000.00
Firemen's Relief Fund			6,000.00
Park Fund			32,000.00
Sewer 5% Bond Fund, 1908	100,000.00		
To General Fund			100,000.00
Géary St. Railway 4½% Bond Fund, 1910, to Sundries	206,000.00		
Investment Fund		*	200,000.00
Public Building School 5% Bond Fund, 1908			6,000.00
Library 3½% Bond Fund, 1904	120,000.00		
To General Fund			120,000.00
Total Loan Transfer	2,523,500.00		2,523,500.00

Note—For explanation of* see Proof Sheet.

TRANSFER LOANS RETURNED.

Common School Fund to Sundries	337,500.00	
Assessor's Account		147,500.00
Public Building City Hall 5% Bond Fund, 1912		190,000.00
Firemen's Relief Fund to Sundries	48,000.00	
Assessor's Account		10,000.00
Public Building City Hall 5% Bond Fund, 1912		32,000.00
Public Building Garbage 5% Bond Fund, 1908		6,000.00
General Fund, 1913-1914, to Sundries	1,706,000.00	
Assessor's Account		601,000.00
Public Building City Hall 5% Bond Fund, 1912		800,000.00
Public Building Garbage 5% Bond Fund, 1908		85,000.00
Public Building Sewer 5% Bond Fund, 1908		100,000.00
Public Building Library 3½% Bond Fund, 1904		120,000.00
Park Fund to Sundries	132,000.00	
Assessor's Account		25,000.00
Public Building City Hall 5% Bond Fund, 1912		75,000.00
Public Building Garbage 5% Bond Fund, 1908		32,000.00
Public Building Funds—		
Hospital 5% Bond Fund, 1908, to Sundries	169,460.00	
Public Building Fire Protection 5% Bond Fund, 1908		28,000.00
Public Building Geary St. Railway 4½% Bond Fund, 1910		81,460.00
Public Building Library 3½% Bond Fund, 1904		60,000.00
School 5% Bond Fund, 1908, to Sundries	56,000.00	
Public Building Geary St. Railway 4½% Bond Fund, 1910		31,000.00
Public Building Library 3½% Bond Fund, 1904		25,000.00
Forward	$ 2,448,960.00	$ 2,448,960.00

TRANSFER LOANS RETURNED—Continued

Forward		$ 2,448,960.00	$ 2,448,960.00
City Hall 5% Bond Fund, 1912	*	148,482.60	
To City Hall Premium Fund			148,482.60
City Hall 5% Bond Interest Fund, 1912		94,000.00	
To City Hall Premium Fund			94,000.00
Total Transfer Loans Returned		2,691,442.60	2,691,442.60

Note. For explanation of * see Proof Sheet.

PROOF.

FUNDS	Cash on Hand July 1, 1913	Cash Receipts and Transfers 1913-14	Cash Disbm 'ts and Transfers 1913-14	Cash on Hand June 30, 1914
Advertising Fund		11,507.35		
Transfers		392,50	11,899.85	
Bond Funds.				
Public Building:				
City Hall 5% Bond Fund, 1912	486,856.39	2,351,471.97	1,095,073.47	1.630,682.22
Transfers		39,245.13	* 151,817.80	
City Hall Premium Fund	1,500.00		878.00	113,194.67
Transfers		* 151,817.80	39,245.13	
Fire Protection 5% Bond Fund, 1908	195,241.74	5,008.27	180,290.05	47,959.96
Transfers		* 28,000.00		
Hospital 5% Bond Fund, 1908	16,315.71	285,000.00	123,471.28	8,384.43
Transfers			* 169,460.00	
Municipal St. Railway 5% Bond Fund, 1913		1,820,833.88	815,356.24	913,456.70
Transfers			92,020.94	
School 5% Bond Fund, 1908	799.60	600,021.00	132,211.61	418,608.99
Transfers			* 50,000	
Geary St. Railway 4½% Bond Fund, 1910	307,545.41	82.80	151,284.57	63,983.79
Transfers		* 107,640.15	* 200,000.00	
Hospital-Jail Completion 4½% Bond Fund, 1913		661,000.00	28,684.73	608,846.39
Transfers			23,468.88	
Market St. Railway 4½% Bond Fund, 1910	69,000		44,859.86	22,959.99
Transfers			1,180.15	
Library 3½% Bond Fund, 1904	38,497.88		8,886.25	114,611.63
Transfers		* 85,000.00		

PROOF—Continued

FUNDS	Cash on Hand July 1, 1913	Cash Receipts and Transfers 1913-14	Cash Disbm'ts and Transfers 1913-14	Cash on Hand June 30, 1914
Interest Accounts:				
Exposition 5% Bond Interest Fund, 1912	43,837.28	274,600.82	241,050.00	78,513.10
Transfers		1,250.00	125.00	
Municipal St. Railway 5% Bond Interest Fund, 1913		11,906.17		44,906.17
Transfers		33,000.00		
Sewer 5% Bond Interest Fund, 1908	132,939.52	186,958.08	189,375.00	129,397.60
Transfers		125.00	1,250.00	
Geary St. Railway 4½% Bond Interest Fund, 1910	46,167,734	40,634.31	86,445.00	41,913.29
Transfers		42,500.00	943.36	
Market St. Ry. 4½ Bond Interest Fund, 1910	609.14	5,226.71	2,610.00	4,169.21
Transfers		943.36		
Polytechnic High School, 4½% Bond Interest Fund, 1910	19,178.73	27,266.58	23,962.50	21,995.88
Transfers			486.93	
Redemption Account:				
Polytechnic High School 4½% Bond Redemption Fund, 1910		24,565.52	25,000.00	52.45
Transfers		486.93		
Duplicate Tax Fund	12,801.66	7,502.81	6,614.48	14,871.40
Transfers		1,181.41		
Excavation Fund	3,493.20	18,890.95	3,177.96	19,706.19
Transfers		500.00		

Firemen's Relief Fund	4,796.77	83,998.49	91,591.51	2,203.75
Transfers		5,000.00		
General Fund	1,053,690.31	8,952,959.65	8,917,528.07	1,399,203.52
Transfers		406,388.98	96,307.35	
House Moving (Dept. of Public Works) Fund	430.00	1,900.00	2,002.65	300.00
Transfers			27.35	
Investment Fund		96,089.11	293,289.11	2,800.00
Transfers		200,000.00		
Municipal Railway (Geary St. Division) Fund	82,412.81	654,023.61	338,624.24	405,312.18
Transfers		50,000.00	42,500.00	
Municipal Railway (Union St. Division) Fund		189,536.11	81,027.70	26,537.21
Transfers			81,971.20	
Park Fund	37,400.78	407,759.23	419,529.57	31,750.44
Transfers		6,120.00		
Police Relief and Pension Fund	34,545.60	23,466.88	97,224.00	26,359.93
Transfers		79,031.85	13,460.40	
Reserve Fund				
Transfers		48,971.20	48,971.20	
State of California	29,969.53	992,232.30	987,331.35	34,870.30
Transfers			18	
Stockton St. Tunnel Assessment Fund	157,296.04	106,437.14	248,398.77	2,174.43
Transfers			13,159.98	
Stockton St. Tunnel Assessment Interest Fund	8,800.11			21,960.09
Transfers		13,159.98		
Twin Peaks Tunnel Assessment Fund		1,197,125.76	4,881.49	1,159,443.75
Transfers			32,800.52	

PROOF—Continued

FUNDS	Cash on Hand July 1, 1913	Cash Receipts and Transfers 1913-14	Cash Disbm'ts and Transfers 1913-14	Cash on Hand June 30, 1914
Twin Peaks Tunnel Assessment Interest Fund				
Transfers		31,226.61		31,226.61
Unapportioned Fee Fund	24,644.19	282,422.18	16,422.20	22,795.49
Transfers			267,848.68	
Widber Deficiency Account	2,808,769.74			
Transfer (Deduct)	6,964.00	6,964.00		
	2,801,805.74	20,659,372.58	15,996,026.56	7,465,151.76

*NOTE: In "Temporary Loan Transfers" the sum of $200,000.00 is included, being loan from Public Building Geary Railway Bond Fund to Investment Fund. This loan, made during fiscal year 1913-14, will be returned in fiscal year 1914-15.

In "Transfer Loans Returned" the sum of $367.942.60 is included, being the amount of temporary loans made during fiscal year 1912-13 and returned to the respective funds during fiscal year 1913-14. Public Building City Hall Bond Fund returned to City Hall Premium Fund, $148,482.60. Public Building Hospital Bond Fund, 1908, returned to Public Building Library Bond Fund, 1904, $60,000.00; to Public Building Geary St. Railway Bond Fund, $81,460.00; to Public Building Fire Protection Bond Fund, 1908, $28,000.00. Public Building School Bond Fund, 1908, returned to Public Building Library Bond Fund, 1904, $25,000.00; to Public Building Geary St. Railway Bond Fund, 1910, $25,000.00. Total amount, $367,942.60.

NOTE: Only funds whose Cash on Hand is affected by Transfers are included in above Proof.

TREASURER IN CASH ACCOUNT WITH THE AUDITOR FOR MONEYS BELONGING TO THE STATE OF CALIFORNIA, FISCAL YEAR 1913-1914.

Dr.		Cr.	
To Amount paid State Treasurer	$ 985,928.24	By Cash on hand July 1, 1913	$ 29,969.53
To Treasurer's Mileage	72.00	By Inheritance Taxes	571,223.11
To Assessor's Commissions, 6% on Personal Property Taxes	1,295.92	By Maintenance, Juveniles at Home Feeble-minded	26,460.00
To State's Portion Refund Taxes	35.19	By Preston School of Industry	7,411.06
To Penalty Collected on Taxes Transferred to General Fund	18	By Whittier Reform School	427.24
To Balance on hand June 30, 1914	34,870.30	By California School for Girls	92.04
		By Poll Taxes *	98,727.30
		By Redemption of Property sold to the State	3,700.58
		By Public Administrator—Estate of Mabel Moulton	6,695.72
		By Sales, Sec. 3897, Political Code	1,265.68
		By Public School Teachers' Permanent Fund	15,941.63
		By Taxes Received	260,287.94
	$1,022,201.83		$1,022,201.83

*NOTE: Error of 50c, Commission a/c June, 1914. Corrected on July, 1914. Due State, 50c less.

PUBLIC MONEY OF THE CITY AND COUNTY OF SAN FRANCISCO ON DEPOSIT IN BANKS.

Subject to Withdrawal on Demand of Treasurer.

Rate of Interest, 2% per annum. Bonds of the United States, State of California and City and County of San Francisco held as security.

Amounts included in Treasurer's Cash on Hand.

City or Town	Name of Bank		
Alameda	Alameda National	$ 8,500	
"	Alameda Savings	60,000	68,500
Auburn	Auburn Savings	12,500	
"	First National	6,250	18,750
Berkeley	First National	50,000	
"	Homestead Savings	8,000	
"	South Berkeley	18,750	76,750
Calistoga	Calistoga National		5,500
Chico	Butte Co. National		25,000
Coalinga	First National		3,500
Crescent City	Del Norte County		7,500
Dixon	First National		9,500
Ferndale	Ferndale Bank		9,500
Fort Bragg	First National		23,750
Fresno	Central California	7,000	
"	First National	36,000	
"	Union National	24,000	67,000
Gilroy	The Bank of Gilroy		10,000
Healdsburg	Farmers' and Mechanics'	9,000	
"	Healdsburg National	9,000	
"	Healdsburg Savings	5,500	23,500
Livermore	First National	14,000	
"	Farmers' and Merchants'	11,500	
"	Livermore Savings	8,500	
"	Livermore Valley Savings	6,800	40,800
Lodi	Central Savings		12,500
Loleta	Bank of Loleta		5,500
Marysville	Northern California Bk. of Sav.		18,750
Merced	First National		6,700
Napa	First National		7,500
Nevada City	Citizens' Bank of Nevada City		23,000
Oakland	Central Bank of Oakland	35,000	
"	The Bank of Commerce of Oakl'd	10,000	
"	First Trust and Savings	20,000	65,000

City or Town	Name of Bank		
Palo Alto	First National		10,000
Petaluma	Petaluma National	40,000	
"	Petaluma Savings	32,500	
"	The California Savings Bank	21,000	
"	Sonoma County National	56,000	
"	Swiss American	30,000	179,500
Pittsburg	Contra Costa Co.		7,500
Placerville	A. Mierson Banking Co.		12,500
Pleasanton	First National		5,400
Redding	Northern California National	11,250	
"	Redding Savings	3,500	14,750
Sacramento	California National	57,000	
"	California Savings	15,000	
"	Nat. Bank of D. O. Mills & Co.	36,250	
"	Sacramento Valley Trust Co.	34,500	142,750
St. Helena	Savings Bank of St. Helena		12,500
San Francisco	Anglo California Trust Co.	206,000	
" "	Anglo and London Paris Nation'l	600,000	
" "	Bank of California	112,500	
" "	Donohoe Kelly Banking Co.	50,000	
" "	First National	101,250	
" "	First Federal Trust Co.	142,250	
" "	French American	125,000	
" "	Bank of Italy	259,000	
" "	Italian American	157,000	
" "	International Banking Corp.	64,500	
" "	Mercantile National	200,000	
" "	Merchants National	406,500	
" "	The Mission	35,000	
" "	Mutual Savings	225,000	
" "	Portuguese American	51,000	
" "	Marine Trust and Savings	27,000	
" "	Seaboard National	90,000	
" "	Union Trust Co.	403,750	
" "	Wells Fargo Nevada National	700,000	3,995,750
San Luis Obspo	Union National		6,000
San Pedro	First National		7,000
Santa Cruz	City Savings		20,000
Santa Rosa	Santa Rosa National	28,000	
" "	Santa Rosa	55,000	83,000
Salinas	First National	14,000	
"	Monterey Co.	10,000	
Sausalito	Salinas City	27,000	51,000
"	Sausalito		5,500

City or Town	Name of Bank		
Sebastopol	First National		26,340
Sonoma	First National		34,000
Sterling	Sterling City		12,000
Stockton	Commercial Savings		45,000
Sunnyvale	Bank of Sunnyvale		5,000
Tomales	Bank and Trust Co.		18,000
Tulare	Tulare		14,000
Turlock	People's State		9,200
Ukiah	Bank of Ukiah		13,000
Vallejo	Vallejo Commercial		22,500
Valley Ford	Dairymen's		17,500
Walnut Creek	San Ramon Valley		14,250
Wheatland	Farmers'		18,000
Woodland	Yolo	50,000	
"	Yolo County Savings	20,000	70,000
			$5,400,440

STATEMENT OF TAXES FOR FISCAL YEAR 1913-1914

TAX COLLECTOR IN ACCOUNT WITH AUDITOR

Dr.		Cr.	
To Real Estate Roll, City and County and State Taxes, 1913	$10,341,924.60	By Cash City and County Treasurer, Taxes and Penalties, Non-operative	$10,898,408.61
To State Corporation Taxes, 1913 (Operative), Real Estate and Personal Property	35,358.02	By Cash paid City and County Treasurer a/c State Corporation Taxes and Penalties Operative Roll	35,358.18
To Personal Property Roll, Non-operative	604,313.09	By Property Sold to State for Taxes, previous years $15,766.49	
To Personal Property Roll, Additional Charge, Extension Unsecured Rolls	.09	1913 43,871.34	59,637.83
To Penalties Collected a/c Non-operative Taxes	22,015.69	By Property withdrawn from Sale, Sec. 3806, P. C., Erroneous Assessments	2,381.00
To Penalties Collected a/c Corporation Taxes (Operative)	.18	By Delinquent Unsecured Personal Property Taxes, City and County and State $7,413.63	
		By Partial Payments amounts still due 13.68	7,427.31
		By Taxes Cancelled: Auditor, Sec. 3805, P. C...$189.81	
		Assessor, Sec. 3881, P. C... 201.78	391.59
		By Credits allowed to correct Extensions, etc. in Rolls, Non-operative	7.13
		By Credits allowed to Correct Extensions on Operative Roll	.02
	$11,003,611.67		$11,003,611.67

APPORTIONMENT OF TAXES FOR FISCAL YEAR 1913-1914.

Dr.		Cr.	
To Amount of Costs Collected by Tax Collector and apportioned to General Fund during 1913-1914	1,326.50	By Funds—Interest Accounts: County Jail and Hall of Justice, 3½%	4,086.70
To City and County portion of Property Sold to State, Sec. 3897	4,710.92	By Golden Gate Extension to Presidio, 3½%	8,748.49
To Redemption of Property Sold to State (City and County portion)	48,483.99	By Hospital, 3½%	1,168.76
To Amounts from State under Chapter 335, Statutes 1911, for Principal and Interest of Bonded Indebtedness created and outstanding prior to November 8, 1910	130,476.48	By Library, 3½%	19,714.73
To Taxes and Penalties Collected in June 1913 by Tax Collector and Apportioned in Fiscal Year 1913-1914	55,431.89	By Mission Park, 3½%	7,585.04
To Taxes and Penalties Collected by Tax Collector during Fiscal Year 1913-1914 $10,934,923.21		By Playground, 3½%	20,414.89
Less * 87,986.23		By School 3½%	28,261.63
	$10,846,936.98	By Street, 3½%	21,589.36
		By Geary St. Railway, 4½%	40,634.31
		By Market St. Railway, 4½%	5,226.71
		By Polytechnic High School, 4½%	26,780.83
		By Water Supply, 1909, 4½%	7,017.87
		By Hospital and Jail Completion, 4½%	22,474.84
		By Water Supply, Hetch Hetchy, 4½%	50,441.53
		By Exposition, 5%	274,600.82
		By Fire Protection, 5%	240,254.39
		By City Hall, 5%	437,116.85
		By Garbage System, 5%	36,183.86
		By Hall of Justice, 5%	43,483.74
		By Hospital, 5%	85,799.13
		By School, 5%	222,164.93
		By Sewer, 5%	179,670.18

*Being the amount of Taxes and Penalties Collected in June, 1914, paid to Treasurer and apportioned to Fiscal year 1914-1915.

To Taxes on Unsecured Personal Property Collected by the Assessor	852,202.45
To Taxes on Unsecured Corporation Property Collected by Assessor	5,634.23
	$11,945,203.44

Redemption Accounts:	
By County Jail and Hall of Justice, 3½%	17,494.30
By Goden Gate Park Extension, 3½%	8,165.40
By Hospital, 3½%	23,335.45
By Library, 3½%	41,985.27
By Mission Park, 3½%	6,999.32
By Playground, 3½%	18,660.42
By School, 3½%	90,975.14
By Sewer, 3½%	181,803.85
By Street, 3½%	40,824.45
By Polytechnic High School, 4½%	24,565.52
By Water Supply, 1909, 4½%	100,892.38
By Garbage System, 5%	50,456.07
By Hospital, 5%	98,036.15
By Hall of Justice, 5%	49,477.25
By School, 5%	200,868.75
By Common School Fund	1,093,094.04
By General Fund	7,307,633.35
By Library Fund	94,504.92
By Park Fund	367,725.39
By Firemen's Relief Fund	83,998.49
By State of California	260,287.94
	$11,945,203.44

SUMMARY OF PROPERTY TAXES AND PENALTIES, COLLECTED BY TAX COLLECTOR, AND PAID INTO THE TREASURY DURING THE FISCAL YEAR 1913-1914.

	Taxes.	Penalties.	Total.
1913—On State, Corporation, Real Estate and Personal Property	$ 35,358.00	$ .18	$ 35,358.18
1912—On State, Corporation, Real Estate and Personal property	4.02		4.02
1913—On City and County and State Real Estate and Personal Property	10,876,392.92	22,015.69	10,898,408.61
1912—On City and County and State Real Estate and Personal Property	1,106.14	31.95	1,138.09
1911—On City and County and State Real Estate and Personal Property	8.58	1.72	10.30
1910—On City and County and State Real Estate and Personal Property	.16	.05	.21
1906—On City and County and State Real Estate and Personal Property	.72	.09	.81
1905—On City and County and State Real Estate and Personal Property	2.68	.31	2.99
	$10,912,873.22	$22,049.99	$10,934,923.21

TUNNEL ASSESSMENTS, INTEREST, COSTS, ETC., COLLECTED BY TAX COLLECTOR DURING 1913-1914.

Twin Peaks Ridge Tunnel	$1,204,910.79
Stockton St. Tunnel	112,723.87

STATEMENT OF POLL TAXES FOR FISCAL YEAR 1913-1914.

Sold by Assessor—		
1257 Poll Tax Receipts Account 1913 @ $2.00	2,514.00	
15% Commission	377.10	
		2,136.90
572 Poll Tax Receipts, Account 1913 @ $3.00	1,716.00	
15% Commission	257.40	
		1,458.60
55,919 Poll Tax Receipts Account 1914 @ $2.00	111,838.00	
15% Commission *	16,775.20	
		95,062.80
Sold by Tax Collector—		
23 Delinquent Poll Taxes @ $4.00	92.00	
25% Commission	23.00	
		69.00
Total Amount due State for Account of Poll Taxes		$98,727.30

*Error of 50c in commission on June 30, 1914, corrected in July, 1914.

SUMMARY OF DEMANDS AUDITED PAID AND OUTSTANDING, FISCAL YEAR ENDING JUNE 30, 1914.

FUNDS AND ACCOUNTS	Demands Outstanding June 30, 1913	Demands Audited 1913-1914	Total	Demands Paid 1913-1914	Demands Cancelled	Demands Outstanding June 30, 1914
Advertising Redemption Fund	$	$ 333.96	$ 333.96	$ 333.96		
Bond Funds—						
Interest:						
3½% County Jail and Hall of Justice, 1904		4,567.50	4,567.50	4,567.50		
3½% Golden Gate Park Extension to Presidio, 1904		9,040.50	9,040.50	9,404.50		
3½% Hospital, 1904		1,312.50	1,312.50	1,312.50		
3½% Library, 1904		13,665.75	13,665.75	13,665.75		
3½% Mission Park, 1904		8,048.25	8,048.25	8,048.25		
3½% Playground, 1904		20,396.25	20,396.25	20,396.25		
3½% Schools, 1904		26,356.75	26,356.75	26,356.75		
3½% Street, 1904		22,074.50	22,074.50	22,074.50		
4½% Geary St. Railway, 1910		86,445.00	86,445.00	86,445.00		
4½% Hospital and Jail Completion, 1913		14,107.50	14,107.50	14,107.50		
4½% Market St. Railway, 1910		2,610.00	2,610.00	2,610.00		
4½% Polytechnic High School, 1910		23,962.50	23,962.50	23,962.50		
4½% Water Supply, 1909		9,990.00	9,990.00	9,990.00		
4½% Water Supply (Hetch Hetchy), 1910		50,017.50	50,017.50	50,017.50		

5% City Hall, 1912	.....	300,150.00	300,150.00	300.150.00		
5% Exposition, 1912	.....	241,050.00	241,050.00	241,050.00		
5% Fire Protection, 1908	.....	260,250.00	260,250.00	260,250.00		
5% Garbage System, 1908	.....	36,750.00	36,750.00	36,750.00		
5% Hall of Justice, 1908	.....	46,250.00	46,250.00	46,250.00		
5% Hospital, 1908	.....	90,150.00	90,150.00	90,150.00		
5% School, 1908	.....	234,600.00	234,600.00	234,600.00		
5% Sewer, 1908	.....	189,375.00	189,375.00	189,375.00		
Public Building:						
3½% Library, 1904	.....	8,886.25	8,886.25	8,886.25		
3½% School, 1904	233.73	162,044.72	162,278.45	161,720.95		557.50
3½% Sewer, 1904	20,452.88	191,443.77	211,896.65	208,406.45		3,490.20
3½% Street, 1904	.....	217.02	217.02	217.02		
4½% Geary St. Railway, 1910	53,820.36	121,243.92	175,064.28*	151,284.57	62.75	23,716.96
4½% Hospital and Jail Completion, 1913	.....	30,166.48	30,166.48	28,684.73		1,481.75
4½% Market St. Railway, 1910	15,000.00	29,859.86	44,859.86	44,859.86		
4½% Polytechnic High School, 1910	777.35	189,337.61	190,114.96	189,820.06		294.90
4½% Water Supply (Hetch Hetchy), 1910	4,357.86	55,783.03	60,140.89	54,243.06		5,897.83
5% City Hall, 1912	13,423.40	1,095,445.19	1,108,868.59	1,095,073.47	12,625.00	1,170.13
5% Fire Protection, 1908	37,117.36	155,308.39	192,425.75	180,290.05	4.00	12,131.70
5% Garbage System, 1908	421.50	15,244.31	15,665.81	15,495.81		170.00
5% Hospital, 1908	46,088.91	77,722.98	123,811.89	123,471.28	1.50	339.11
5% Municipal St. Railway, 1913	.....	841,110.95	841,110.95*	815,356.24		25,754.71
5% School, 1908	29,837.91	107,183.10	137,021.01	132,211.61		4,809.40
5% Sewer, 1908	40,174.65	247,041.61	287,216.26	273,792.09	6.00	13,418.17

SUMMARY OF DEMANDS AUDITED, PAID AND OUTSTANDING—Continued

FUNDS AND ACCOUNTS	Demands Outstanding June 30, 1913	Demands Audited 1913-1914	Total	Demands Paid 1913-1914	Demands Cancelled	Demands Outstanding June 30, 1914
Premium Funds:						
City Hall 5% Premium	628.00	250.00	878.00	878.00		
Exposition 5% Premium	.....	1,500.00	1,500.00	1,500.00		
Redemption:						
3½% County Jail and Hall of Justice, 1904	.....	17,400.00	17,400.00	17,400.00		
3½% Golden Gate Park Extension to Presidio, 1904	.....	8,200.00	8,200.00	8,200.00		
3½% Hospital, 1904	.....	25,000.00	25,000.00	25,000.00		
3½% Library, 1904	.....	41,100.00	41,100.00	41,100.00		
3½% Mission Park, 1904	.....	7,300.00	7,300.00	7,300.00		
3½% Playground, 1904	.....	18,500.00	18,500.00	18,500.00		
3½% School, 1904	.....	89,800.00	89,800.00	89,800.00		
3½% Sewer, 1904	.....	181,200.00	181,200.00	181,200.00		
3½% Street, 1904	.....	40,500.00	40,500.00	40,500.00		
4½% Polytechnic High School, 1910	.....	25,000.00	25,000.00	25,000.00		
4½% Water Supply, 1909	.....	112,000.00	112,000.00	112,000.00		
5% Garbage, 1908	.....	50,000.00	50,000,00	50,000.00		
5% Hall of Justice, 1908	.....	50,000.00	50,000.00	50,000.00		
5% Hospital, 1908	.....	100,000.00	100,000.00	100,000.00		

Common School Fund	51,606.01	1,879,187.76	1,930,793.77	1,885,621.01	48.50	45,124.26
General Fund	660,143.64	8,795,090.55	9,455,234.19	8,917,528.07	6,850.45	530,855.67
Library Fund	7,203.15	90,485.26	97,686.41	92,626.38	1.50	5,058.53
Municipal Railway Fund	16,442.92	441,107.21	457,550.13	419,651.94		37,898.19
Park Fund	34,130.62	414,612.27	448,742.89	419,529.57		29,213.32
Relief Home Tract Fund	.....	113,273.63	113,273.63	113,273.63		
Relief Funds:						
Firemen's Relief Fund	3,486.25	91,533.11	95,019.36	91,591.51		3,427.85
Police Relief and Pension Fund	21,085.20	94,679.80	115,765.00	97,224.00	140.20	18,400.80
Teachers' Institute Fund	245.63	281.39	527.02	524.52		2.50
Unapportioned Fee Fund	2,003.85	15,204.35	17,208.10	16,422.20		785.90
Water Works Fund	754.78	4,915.19	5,669.97	5,395.42		274.55
Rebate Accounts—						
Bequests.						
Denman Medal Fund	.....	3,000.00	3,000.00	3,000.00		
Robinson Bequest Interest Fund	500.00	2,000.00	2,500.00	2,000.00		500.00
Windel Bequest Interest Fund	.....	493.59	493.59	493.59		
Duplicate Tax Fund	1,001.60	5,771.29	6,772.89	6,614.48		158.41
Excavation Fund	.....	3,797.96	3,797.96	3,177.96		620.00
House Moving Funds:						
Department of Public Works	.....	2,002.65	2,002.65	2,002.65		
Department of Electricity	.....	371.70	371.70	371.70		
Investment Fund	.....	293,289.11	293,289.11	293,289.11		
Overpaid Corporation Taxes Fund	5.68	938.49	944.17	944.17		
Police Court Bail Money Account	5,240.00	651,515.00	656,755.00	654,085.00		2,670.00
Special Badge Fund	20.00	315.00	335.00	320.00		15.00
Special Permit Fund	10,205.00	75,142.00	85,347.00	80,437.00	20.00	4,890.00

SUMMARY OF DEMANDS AUDITED, PAID AND OUTSTANDING—Continued

FUNDS AND ACCOUNTS	Demands Outstanding June 30, 1913	Demands Audited 1913-1914	Total	Demands Paid 1913-1914	Demands Cancelled	Demands Outstanding June 30, 1914
Street Assessments:						
Polk St. Regrade Assessm't Fund	.....	50,748.75	50,748.75	50,623.75		125.00
Tearing Up Streets Fund	4,833.39	66,758.29	71,591.68	69,308.37	.50	2,282.81
Tunnel Assessment Funds:						
Stockton St. Tunnel Assessment Fund	11.02	249,304.25	249,315.27	248,398.77		916.50
Twin Peaks Ridge Tunnel Assessment Fund	.....	26,333.94	26,333.94	4,881.49		21,452.45
Twin Peaks Ridge Tunnel Assessment Redemption Fund	.....	491.88	491.88			491.88
Total	$1,081,252.65	$19,159,934.97	$20,241,187.62	$19,423,031.25	$19,760.40	$798,395.97
Assessor's Account				852,202.45		
State of California—State Settlement				987,331.35		
Grand Total Payments				$21,262,565.05		

* Demand No. 11686, Treasurer's No. 130, Amount $40.00, Paid out of Public Building Municipal Ry. 5% Bond Fund, 1913, should have been Public Building Geary Ry. 4½% Bond Fund, 1910.

CONTRACTS CERTIFIED BY AUDITOR—OUTSTANDING BALANCE JUNE 30, 1914.

P. B. School 3½%—Issue of 1904—		
Columbia	24,084.00	
Glen Park	25,512.50	
		49,596.50
P. B. School 5%—Issue of 1908—		
Bryant	675.00	
Cooper	87,389.00	
Garfield	65.00	
Madison	180.50	
Marshall	51,274.00	
Mission	2,511.25	
McKinley	400.00	
Oriental	94,430.00	
San Francisco Commercial	1,359.40	
Sutro	3,981.00	
Washington Irving	70,585.00	
West End	165.00	
		313,015.15
P. B. Sewer 3½%—Issue of 1904—		
Baker, Tonquin to Bay Sts.	7,364.27	
Brannan and Fourth Sts.	2,294.00	
Junipero Serra Boulevard	21,165.00	
7th Avenue, Locksley, N and L Sts.	694.28	
		31,517.55
P. B. Sewer 5%—Issue of 1908—		
Commercial St.	134.23	
Division St., Section A	448.74	
Division St., Section B	13,257.46	
Drum, Commercial, Jackson Sts.	1,695.76	
East, Potrero Ave.	2,610.83	
Fifth, Howard to Market Sts.	456.15	
Golden Gate Park, 48th Ave., Cabrillo St.	37,446.51	
Harbor View	616.04	
Ingleside, Section B	2,846.25	
Ingleside, Section C	1,746.97	
Lincoln Way and 48th Ave.	31.15	
Lincoln Way, 20th to 40th Ave.	621.60	
Lower Sunset	799.94	

SUMMARY OF DEMANDS AUDITED, PAID AND OUTSTANDING—Continued

FUNDS AND ACCOUNTS	Demands Outstanding June 30, 1913	Demands Audited 1913-1914	Total	Demands Paid 1913-1914	Demands Cancelled	Demands Outstanding June 30, 1914
Street Assessments:						
Polk St. Regrade Assessm't Fund	.....	50,748.75	50,748.75	50,623.75		125.00
Tearing Up Streets Fund	4,833.39	66,758.29	71,591.68	69,308.37	.50	2,282.81
Tunnel Assessment Funds:						
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Twin Peaks Ridge Tunnel Assessment Fund	.....	26,333.94	26,333.94	4,881.49		21,452.45
Twin Peaks Ridge Tunnel Assessment Redemption Fund	.....	491.88	491.88			491.88
Total	$1,081,252.65	$19,159,934.97	$20,241,187.62	$19,423,031.25	$19,760.40	$798,395.97
Assessor's Account				852,202.45		
State of California—State Settlement				987,331.35		
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CONTRACTS CERTIFIED BY AUDITOR—OUTSTANDING BALANCE JUNE 30, 1914.

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Columbia	24,084.00	
Glen Park	25,512.50	
		49,596.50
P. B. School 5%—Issue of 1908—		
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Cooper	87,389.00	
Garfield	65.00	
Madison	180.50	
Marshall	51,274.00	
Mission	2,511.25	
McKinley	400.00	
Oriental	94,430.00	
San Francisco Commercial	1,359.40	
Sutro	3,981.00	
Washington Irving	70,585.00	
West End	165.00	
		313,015.15
P. B. Sewer 3½%—Issue of 1904—		
Baker, Tonquin to Bay Sts	7,364.27	
Brannan and Fourth Sts	2,294.00	
Junipero Serra Boulevard	21,165.00	
7th Avenue, Locksley, N and L Sts	694.28	
		31,517.55
P. B. Sewer 5%—Issue of 1908—		
Commercial St.	134.23	
Division St., Section A	448.74	
Division St., Section B	13,257.46	
Drum, Commercial, Jackson Sts	1,695.76	
East, Potrero Ave	2,610.83	
Fifth, Howard to Market Sts	456.15	
Golden Gate Park, 48th Ave., Cabrillo St.	37,446.51	
Harbor View	616.04	
Ingleside, Section B	2,846.25	
Ingleside, Section C	1,746.97	
Lincoln Way and 48th Ave	31.15	
Lincoln Way, 20th to 40th Ave	621.60	
Lower Sunset	799.94	

CONTRACTS CERTIFIED BY AUDITOR—OUTSTANDING BALANCES—Continued

Mile Rock Tunnel	192,191.70	
Mission St. and Silver Ave	405.00	
North Point Main, Sec. A	4,194.52	
North Point Main, Sec. B	5,827.82	
North Point Main, Sec. C	5,017.75	
North Point Main, Sec. D 2	1,384.67	
North Point Main, Sec. E	2,717.94	
North Point Main, Sec. F	6,888.89	
North Point Main, Sec. G	347.20	
North Point Main, Sec. I	4,391.29	
North Point Main, Sec. M	3,266.33	
North Point Main, Sec. N	696.07	
Ocean Ave., Lee to Arlington Sts	259.41	
Seventh, Howard to Hubbell Sts	15,272.24	
University Mound and Silver Terrace	1,237.13	
Visitacion Valley	53,545.68	
		360,355.27
P. B. Street 3½%—Issue of 1904—		
Dolores, Dorland, 20th Sts	456.16	
Howard, Second to Third Sts	.01	
Mission, Beale to Second Sts	887.94	
Mission, Ninth to Eleventh Sts	358.71	
Mission, Eleventh to Twelfth Sts	4,523.17	
Mission, Twelfth to Thirteenth Sts	881.10	
Mission, Thirteenth to Fourteenth Sts.	3,566.89	
Mission, Fourteenth to Twen'th Sts.	980.06	
O'Farrell, Powell to Jones Sts	527.77	
O'Farrell, Powell to Jones Sts	12,059.72	
Stockton, Sacramento, Pacific Sts	431.77	
		24,673.30
P. B. Fire Protection 5%—Issue of 1908—		
High Pressure, Auxiliary Fire System		173,969.74
P. B. Garbage 5%—Issue of 1908—		
Incinerators		130,293.33
P. B. Hall of Justice 5%—Issue of 1908—		
General Construction		1,834.00
P. B. Hospital 5%—Issue of 1908—		
General Construction		10,599.00
P. B. Geary St. Ry. 4½%—Issue of 1910—		
Construction, Cars. etc		226,025.67

CONTRACTS CERTIFIED BY AUDITOR—OUTSTANDING BALANCES—Continued

P. B. Hospital—Jail Completion Bond Fund—Issue of 1913—		
Construction		94,668.00
P. B. Market St. Ry. 4½%—Issue of 1910—		
Construction		1,051.52
P. B. Municipal Ry. 5%—Issue of 1913—		
Construction, Cars, etc.		1,326,763.38
P. B., Polytechnic High School 4½%—Issue 1910—		
Construction		71,009.00
P. B. City Hall 5%—Issue of 1912—		
Construction, Removing Build'gs, etc.		1,820,961.62
General Fund, 1911-1912—		
Pump, Relief Home		50.00
General Fund, 1911-1912—		
Special Street Levy:		
Street Work — California between Battery and Front Sts.	485.60	
Kearny, California to Sac'mento Sts.	434.24	
Lyon, Union to Filbert Sts.	544.48	
		1,464.32
General Fund, 1912-1913—		
Special Street Levy:		
Connecting Lincoln Way and Septic Tank	829.60	
Paving Brick	4,750.00	
Geary, Buchanan to Divisadero	825.95	
Highland Avenue	647.18	
Lincoln Way, 36th to 41st Aves.	30.00	
Noe Valley School Street Work	128.08	
Park Street	1,038.42	
		8,249.23
General Fund, 1912-1913—		
Boring Well South Side Playgrounds	50.25	
Canvas Booths and Covers	1,440.00	
Municipal Asphalt Plant	21,827.72	
Wells—Relief Home	18.17	
		23,336.14
General Fund, 1913-1914—		
Special School Levy:		
Fire Escapes, Yerba Buena School		3,440.00

CONTRACTS CERTIFIED BY AUDITOR—OUTSTANDING BALANCES—Continued

General Fund, 1913-1914—		
Special Fire Levy:		
Fire Engine House No. 48	14,180.00	
Fire Engine House No. 12	55,959.00	
		70,139.00
General Fund, 1912-1913 —		
Budget Items 54-61:		
Nineteenth Street	13.00	
Kearny St., Sacramento to Clay Sts.	475.41	
California, Front to Drum Sts.	301.54	
		789.95
General Fund, 1913-1914—		
Cabrillo, 13th to 14th Aves.	3,037.15	
Central Fire Alarm Station	35,264.39	
Election Booths	4,430.00	
Fulton St., Stanyan to 14th Ave.	32.50	
Junipero Serra Boulevard	46,238.97	
Lincoln Way, 41st to Highway	1,099.41	
Ocean Avenue	2,477.37	
Plymouth Ave., Grafton to Minerva	7,800.00	
San Bruno Avenue	7,879.89	
San Jose Ave., Ocean to Havelock	4,167.50	
Swimming Tank and Bath House	8,308.00	
Thirteenth Avenue, B to C	63.04	
		120,798.22
General Fund, 1913-1914—		
Special Street, etc., Levy:		
Hayes, Masonic Ave. to Ashbury St.	573.44	
Buena Vista, Haight to Duboce Ave.	1,946.25	
Bosworth St. at S. P. R. R. viaduct	3,180.00	
Carl, Willard and Arguello Boulevard	26.01	
Cutting Granite Curbing, Old City Hall Site	8,702.17	
Shotwell, 14th to 16th Sts.	9,776.98	
Street Signs	2,350.00	
Twenty-third, Potrero Ave. and Vermonts Sts.	792.00	
		27,346.85
		$4,891,946.74

BONDED INDEBTEDNESS, NOV. 8, 1910

Bonds of July 1, 1904. 3½%.

Municipal Bonds Name of Bonds	No. of Ordinance Under Which Bonds Were Issued	Bonds Issued Face Value	Date of Sale	Items of Amount	Bonds Redeemed	Outstanding Face Value	Annual Redemptions Falling Due 12 Months After Mar. 1, 1911
*County Jail and Hall of Justice	1114 and 1401	$ 278,400	Mar. 2, 1905	$ 261,000	6 redemptions at $17,400		
			Mar. 17, 1905	17,400	$ 104,400	$ 174,000	$ 17,400
*Golden Gate Park Extension to Presidio	1114 and 1401	328,000	Jan. 20, 1905	328,000	6 redemptions at $ 8,200 49,200	278,800	8,200
*Hospital	1114 and 1401	250,000	Mar. 1, 1905	250,000	6 redemptions at $25,000 150,000	100,000	25,000
*Library	1114 and 1401	739,800	Feb. 7, 1905	739,800	6 redemptions at $41,100 246,600	493,200	41,100
*Mission Park	1114 and 1401	292,000	Jan. 20, 1905	292,000	6 redemptions at $7,300 43,800	248,200	7,300
*Playgrounds	1114 and 1401	740,000	Jan. 20, 1905	240,000	6 redemptions at $18,500 111,000	629,000	18,500
			Feb. 7, 1905	500,000			
*School	1114 and 1401	1,077,600	Mar. 1, 1905	50,000	6 redemptions at $89,800 538,800	538,800	89,800
			Mar. 10, 1905	61,800			
			Mar. 17, 1905	89,800			
			Mar. 21, 1905	269,400			
			Apr. 4, 1905	89,800			
			May 10, 1905	50,000			
			May 19, 1905	89,800			
			May 24, 1905	377,000			
*Sewer	1114 and 1401	1,087,200	Mar. 1, 1905	25,000	6 redemptions at $181,200 1,087,200		
			Mar. 1, 1905	181,200			
			Mar. 2, 1905	75,000			

BONDED INDEBTEDNESS, NOV. 8, 1910—Continued

Municipal Bonds Name of Bonds	No. of Ordinance Under Which Bonds Were Issued	Bonds Issued Face Value	Date of Sale	Items of Amount	Bonds Redeemed	Outstanding Face Value	Annual Falling Due Redemptions 12 Months After Mar. 1, 1911
			May 24, 1905	343,600			
			June 1, 1905	100,000			
			Jan. 29, 1909	15,000			
			Apr. 30, 1909	87,000			
			May 7, 1909	43,000			
			June 29, 1909	36,200			
			Jan. 18, 1910	65,000			
			May 24, 1910	8,000			
			June 13, 1910	16,200			
			June 22, 1910	20,000			
			June 23, 1910	9,000			
			June 28, 1910	33,000			
			June 29, 1910	30,000			
					6 redemptions at $40,500		
*Street	1114 and 1401	829,000	Mar. 1, 1905	102,500	243,000	586,000	40,500
			Mar. 2, 1905	100,000			
			Mar. 17, 1905	40,500			
			Mar. 1, 1906	324,000			
			Apr. 1, 1907	25,000			
			Apr. 17, 1907	75,000			
			Apr. 26, 1907	55,000			
			Sept. 24, 1908	12,500			
			Feb. 26, 1909	10,000			
			May 29, 1909	5,000			
			July 28, 1909	4,500			
			May 9, 1910	40,000			

			July	1, 1910	18,000			
			Aug.	15, 1910	17,000			
Bonds of January 1, 1909. 4½%.								
†Water Supply	643	600,000	June	30, 1909	240,000	1 redemption at $100,000		
			Dec.	30, 1909	360,000	100,000	500,000	100,000
Bonds of July 1, 1910. 4½%.								
†Geary Street Railway	1062	448,000	July	22, 1910	77,000		448,000	
			July	25, 1910	10,000			
			July	28, 1910	120,000			
			Aug.	2, 1910	1,000			
			Aug.	9, 1910	12,000			
			Aug.	10, 1910	74,000			
			Aug.	11, 1910	16,000			
			Aug.	12, 1910	1,000			
			Aug.	15, 1910	15,000			
			Aug.	17, 1910	13,000			
			Aug.	18, 1910	1,000			
			Aug.	22, 1910	11,000			
			Aug.	23, 1910	4,000			
			Aug.	25, 1910	6,000			
			Aug.	26, 1910	1,000			
			Aug.	31, 1910	2,000			
			Sept.	1, 1910	79,000			
			Sept.	8, 1910	2,000			
			Oct.	1, 1910	3,000			
Bonds of July 1, 1908. 5%.								
†Garbage System	497	840,000	Feb.	26, 1909	400,000		840,000	50,000
			Aug.	19, 1909	100,000			
			Sept.	15, 1909	140,000			
			Dec.	30, 1909	140,000			
			Jan.	15, 1910	60,000			

BONDED INDEBTEDNESS, NOV. 8, 1910—Continued

Municipal Bonds Name of Bonds	No. of Ordinance Under Which Bonds Were Issued	Bonds Issued Face Value	Date of Sale	Items of Amount	Bonds Redeemed	Outstanding Face Value	Annual Redemptions Falling Due 12 Months After Mar. 1, 1911
Bonds of July 1, 1908. 5%.							
†Hall of Justice	497	660,000	Apr. 15, 1909	150,000		660,000	
			May 19, 1909	15,000			
			June 11, 1909	335,000			
			Aug. 19, 1909	160,000			
†Hospital	497	1,120,000	Oct. 22, 1908	280,000		1,120,000	
			May 19, 1909	80,000			
			June 11, 1909	170,000			
			Sept. 2, 1909	150,000			
			Dec. 22, 1909	66,000			
			Jan. 15, 1910	374,000			
†Sewer	497	2,600,000	Oct. 17, 1908	800,000		2,600,000	
			July 8, 1909	200,000			
			July 19, 1909	200,000			
			July 27, 1909	100,000			
			Aug. 13, 1909	100,000			
			Aug. 31, 1909	100,000			
			Sept. 15, 1909	100,000			
			Dec. 24, 1909	300,000			
			Jan. 15, 1910	700,000			
†School	497	2,900,000	Oct. 26, 1908	1,200,000		2,900,000	
			Mar. 31, 1909	50,000			
			Apr. 15, 1909	50,000			
			Apr. 30, 1909	400,000			

			May	19, 1909	15,000		
			June	11, 1909	285,000		
			July	19, 1909	100,000		
			Dec.	22, 1909	352,000		
			Dec.	30, 1909	160,000		
			Jan.	11, 1910	7,000		
			Jan.	15, 1910	281,000		
†Fire Protection	497	4,200,000	Oct.	15, 1908	1,000,000		4,200,000
			Mar.	31, 1909	750,000		
			Apr.	30, 1909	600,000		
			June	1, 1909	100,000		
			Aug.	9, 1909	100,000		
			Sept.	15, 1909	450,000		
			Dec.	22, 1909	210,000		
			Dec.	24, 1909	420,000		
			Jan.	15, 1910	570,000		
		$18,990,000			$18,990,000	$2,674,000	$16,316,000

* Date when interest is payable, June 30, Dec. 31.
† Date when interest is payable, Jan. 1, July 1.

DATE OF BONDS—All 3½% bonds, July 1, 1904. Geary St. 4½% bonds, July 1, 1910. Water Supply 4½% bonds, January 1, 1909. All 5% bonds, July 1, 1908.

STATEMENT OF ASSESSED VALUE OF PROPERTY, RATE OF TAXATION AND AMOUNT OF TAX LEVIED FROM 1850 to 1913-14 INCLUSIVE.

Fiscal Year	ASSESSED VALUE			RATE PER $100 VALUATION			Total Tax Levied
	Valuation of Real Estate & Improvements	Valuation of Personal Property	Total Valuation	Rate for City and County Purposes	Rate for State Purposes	Total Rate on Each $100 Valuation	
a1850	$16,849,054.00	$ 4,772,160.00	$21,621,214.00	$1.500	$ .50	$2.000	$ 432,424.00
1851	11,141,463.00	2,875,440.00	14,016,903.00	3.600	.50	4.100	574,693.00
1852	15,676,356.00	2,805,381.00	18,481,737.00	4.115	.30	4.415	815,969.00
1853	24,048,150.00	4,852,000.00	28,900,150.00	3.285	.60	3.885	1,122,771.00
1854	28,925,220.00	5,837,607.00	34,762,827.00	3.255	.60	3.855	1,340,107.00
a1855	27,002,725.00	5,073,847.00	32,076,572.00	3.15 5-6	.70	3.85 5-6	1,237,621.00
1856	26,173,284.00	4,194,970.00	30,368,254.00	1.600	.70	2.300	698,470.00
1857	22,970,841.00	12,426,335.00	35,397,176.00	1.700	.60	2.300	814,135.00
1858	19,501,150.00	11,224,800.00	30,725,950.00	1.850	.60	2.450	752,786.00
1859	20,696,220.00	9,323,002.00	30,019,222.00	2.569	.60	3.169	951,309.00
1860	25,125,825.00	10,683,814.00	35,809,639.00	2.250	.60	2.850	1,020,565.00
1861-62	41,870,811.00	Real & Personal	41,870,811.00	2.25	.62	2.87	1,201,692.27
1862-63	37,016,101.87	29,540,553.93	66,566,655.00	1.975	.77	2.74½	1,826,980.19
1863-64	43,153,212.50	35,566,125.21	78,709,337.71	1.20	.90	2.10	1,652,896.09
1864-65	47,345,973.66	35,851,652.03	83,197,725.79	1.73	1.25	2.98	2,479,289.24
1865-66	49,169,047.00	29,775,496.34	88,934,543.34	1.97	1.15	3.12	2,774,552.75
1866-67	53,131,183.00	43,214,976.43	96,740,159.43	1.97	1.13	3.10	2,999,130.94
1867-68	58,207,861.85	51,152,963.88	109,360,825.73	1.87	1.13	3.00	3,280,824.77
1868-69	63,631,721.22	42,782,307,60	106,414,028.82	2.05	1.00	3.05	3,245,617.87
1869-70	69,776,603.00	44,982,907.67	114,759,510.63	2.11	.97	3.08	3,534,592.91
1870-71	75,145,717.00	31,246,159.00	106,391,876.00	1.98	.865	2.84½	3,026,848.89
1871-72	76,124,551.00	28,900,988.00	105,025,534.00	2.105	.865	2.97	3,110,258.51
1872-73	180,571,640.00	108,011,616.90	288,533,256.00	1.00	.50	1.50	4,328,748.84
1873-74	212,407,505.00	Real & Personal	212,407,505.00	1.10	.50	1.60	3,398,520.08
1874-75	162,466,177.00	101,763,267.00	264,229,444.00	1.45	.64 9-10	2.09 9-10	5,546,176.02
1875-76	169,944,327.00	99,160,814.00	269,105,141.00	1.00	.60 5-10	1.60½	4,319,137.51
1876-77	190,222,363.00	70,354,615.00	260,576,987.00	1.39	.73 5-10	2.12½	5,537,260.78
1877-78	190,973,720.00	63,873,330.00	254,867,050.00	1.20	.63	1.83	4,664,067.02
1878-79	190,280,810.00	54,196,550.00	244,477,360.00	1.69	.55	2.24	5,476,292.86
1879-80	166,429,845.00	51,057,229.00	217,487,074.00	1.37	.62 5-10	1.995	4,328,867.10
1880-81	165,023,658.00	279,287,738.00	444,311,396.00	1.57	.64	2.21	9,891,281.49
*1881-82	168,301,669.00	71,121,990.00	239,423,662.00				
1881-82	155,834,879.00	66,598,521.00	222,433,400.00	1.15	.65 5-10	1.80 5-10	4,126,209.07
1882-83	151,894,908.00	50,267,099.00	202,162,007.00	1.20 63-100	.59 6-10	1.80 23-100	3,643,565.85
*1883-84	182,531,759.00	70,691,188.00	253,452,389.00				
1883-84	158,723,269.00	62,272,534.00	221,225,245.00	1.20	.49 7-10	1.69 7-10	3,914,361.31
*1884-85	180,917,078.00	64,240,218.00	245,157,396.00				
1884-85	164,495,888.00	59,013,672.00	223,509,560.00	1.125	.45 2-10	1.57 7-10	3,622,593.51
1885-86	171,416,426.00	56,192,922.00	227,609,348.00				
*1885-86	192,843,592.00	61,482,367.00	254,325,959.00	1.04 89-100	.54 4-10	1.54 29 100	3,744,356.82

1886-87	175,409,145.00	54,741,864.00	230,151,009.00	1.01 10-100	.56	1.57 1-10	3,615,672.35
1887-88	191,618,454.00	60,127,657.00	251,746,111.00	1.14 78-100	.60 8-10	1.75 58-100	4,420,158.20
1888-89	211,467,987.00	61,921,629.00	273,380,616.00	1.06 7-10	.50 4-10	1.57 1-10	4,294,950.87
**1889-90	241,119,410.00	64,920,995.00	306,040,405.00	1.00	.72 2-10	1.72 2-10	5,165,648.48
1890-91	235,361,768.00	66,082,372.00	301,444,140.00	1.03	.58	1.61	4,853,152.40
City & County							
*1891-92	244,515,331.00	67,050,748.00	311,556,079.00				
State							
1891-92	317,864,930.00	81,956,147.00	399,826,077.00	1.03	.44 6-10	1.47 6-10	4,992,254.91
City & County							
*1892-93	277,340,008.00	68,884,698.00	346,224,706.00				
State							
1892-93	332,808,010.00	79,239,002.00	412,047,076.00	1.00	.43 4-10	1.43 4-10	5,250,531.37
1893-94	276,457,420.00	66,186,759.00	342,644,174.00	1.03	.57 6-10	1.60 6-10	5,502,865.51
*1894-95	261,808,995.00	63,299,903.00	325,108,898.00	1.00	.49 3-10	1.49 3-10	5,082,919.33
1895-96	265,018,605.00	62,786,542.00	327,805,147.00	1.565	.68½	2.25	6,896,872.16
*1896-97	330,401,154.00	91,668,562.00	422,069,716.00	.96 92-100	.42 9-10	1.39 82-100	5,901,378.77
1897-98	278,157,865.00	69,797,055.00	347,954,920.00	1.1854	.51	1.69 54-100	5,899,227.71
1898-99	282,769,730.00	69,574,331.00	352,344,061.00	1.318	.48 8-10	1.806	6,363,417.64
1899-1900	285,305,370.00	119,806,245.00	405,111,615.00	1.029	.60 1-10	1.63	6,128,407.94
1900-1901	288,530,645.00	131,624,659.00	410,155,304.00	1.127	.498	1.625	6,110,252.28
1901-02	289,682,092.00	123,417,901.00	413,099,993.00	1.0762	.48	1.5562	6,428,662.09
1902-03	288,436,300.00	121,532,344.00	419,968,644.00	1.2262	.382	1.6082	6,753,800.17
*1903-04	390,119,914.00	155,746,532.00	545,866,446.00	1.076	.561	1.637	7,663,956.11
1904-05	380,282,950.00	122,612,409.00	502,892,359.00	1.12	.535	1.655	7,760,497.86
1905-06	401,966,350.00	122,264,586.00	524,230,936.00	1.164	.49	1.654	8,670,779.85
1906-07	287,286,852.00	88,645,595.00	375,932,447.00	1.322	.476	1.798	6,417,613.49
1907-08	327,474,007.00	102,127,611.00	429,611,618.00	1.415	.445	1.86	7,990,701.69
1908-09	349,512,992.00	104,821,168.00	454,334,160.00	1.50	.40	1.90	8,632,817.59
City & County							
*1909-10	406,144,061.00	86,722,976.00	492,867,037.00	1.60	----------	----------	7,885,872.40
State							
*1909-10	446,758,467.00	92,334,598.00	539,093,065.00	----------	.36 4-10	----------	1,962,298.76
1910-11	433,263,243.00	81,764,821.00	515,028,100.00	1.647	.353	2.00	10,300,561.28
City & County							
1911-12	404,520,670.00	57,335,111.00	461,855,781.00	2.00		2.05	9,468,451.01
†Operative—							
Exempt	23,316,980.00	59,891,586.00	83,208,566.00		.05		
1912-13							
City & County	447,780,237.00	62,651,864.00	510,432,101.00	2.05			10,688,463.96
Operative	45,765,020.00	48,616,128.00	94,381,148.00		.044	2.094	41,527.71
1913-14							
Non-Operative	461,282,132.00	64,965,404.00	526,247,536.00	2.20			11,798,440.14
Operative	45,016,000.00	52,584,193.00	97,600,193.00		.042	2.242	40,992.25
1913-14							
City & County	470,076,907.00	71,817,532.00	541,894,443.00	2.25			12,403,995.94
Operative	49,855,451.00	55,457,620.00	105,313,071.00		.039	2.289	41,072.27

* Years in which the State Board of Equalization increased the valuation of property for State purposes: 1881-82, 8%; 1883-84, 15%; 1884-85, 10%; 1885-86, 12½%; 1891-92, 30%; 1892-93, 20%; 1894-95, 15%; 1896-97, 20%; 1903-04, 30%; 1909-10, 10%.

**Decrease of 5% in the fiscal year 1899-90.

† This property is operative and under Constitutional Amendment No. 1 cannot be taxed for City and County purposes.

a Until April 19, 1856, San Mateo County was included in San Francisco County.

COMPARATIVE STATEMENT OF ASSESSMENT ROLL, CITY AND COUNTY OF SAN FRANCISCO, 1905 TO 1914.

	Year	Real Estate	Improvements	Personal	Total
	1905	$304,135,385.00	$ 97,830,965.00	$122,264,586.00	$524,230,936.00
	1906	237,038,272.00	50,248,580.00	88,645,595.00	375,932,447.00
	1907	260,657,806.00	66,816,201.00	102,137,611.00	429,611,618.00
	1908	258,652,434.00	90,860,558.00	104,821,168.00	454,334,160.00
Assessor	1909	283,169,233.00	122,974,828.00	86,722,976.00	492,867,037.00
With 10% Raise State Board Equalization	1909	311,486,156.00	135,272,311.00	92,334,598.00	539,093,065.00
	1910	288,095453.00	145,167,790.00	81,764,857.00	515,028,100.00
Non-operative	1911	269,290,025.00	135,230,645.00	57,335,111.00	461,855,781.00
Operative	1911	19,366,850.00	3,950,130.00	59,891,586.00	83,208,566.00
Non-operative	1912	301,196,140.00	146,584,097.00	62,651,864.00	510,432,101.00
Operative	1912	22,518,920.00	23,246,100.00	48,616,,128.00	94,381,148.00
Non-operative	1913	303,903,155.00	157,378,977.00	64,965,404.00	526,247,536.00
Operative	1913	22,407,930.00	22,608,070.00	52,584,193.00	97,600,193.00
Non-operative	1914	304,579,974.00	165,496,937.00	71,817,532.00	541,894,443.00
Operative*	1914	21,477,260.00	28,378,191.00	55,457,620.00	105,313,071.00

* Above figures do not include Cancellations by Assessor and Auditor subsequent to Oct. 14, 1914.

CITY AND COUNTY OF SAN FRANCISCO.

Office of
THE AUDITOR.

San Francisco, Cal., April 17, 1914.

The Honorable, The BOARD OF SUPERVISORS,
City and County of San Francisco.

Gentlemen:

For some months past I have spent considerable time, in conference with our Chief Statistician, Mr. Leary, in the revision of the accounting system of the City Government, and in the preparation of our new Budget Estimate for the conduct of the City for the year 1914-15.

The Auditor's Estimate presents statistics as accurate and as comparable as it has been feasible to compile from the records in this office, relating to a number of subjects.

Our estimate of the expenditures and revenue to be submitted to your Honorable Body, will show the City's probable financial operations for the ensuing fiscal year, in detail, together with an abstract of the estimated total expenditures for each department. The statement is arranged under several classifications, in order of sequence, so as to bring their significance within the understanding of those interested in the subject of the City's finances.

The classifications referred to above are at present the vogue in all large Eastern cities, following the plan suggested and advocated by the United States Bureau of Census and Statistics. Therefore, "it is up to San Francisco to either reject or approve this new system of scientific budget making."

* * * * *

The essentials of the estimate, which is now under preparation, include:

First: The installation of the unit cost systems, expense and liability accounting, proper pay-roll methods and effective organization for audit.

Second: The adoption of definite and adequate classification of appropriation titles, and the elimination of the "Lump Sum" appropriations, as heretofore. Money has often been appropriated for a specific purpose and used for another, simply because the Budget afforded no suitable basis for audit control.

Third: To provide for, and show in detail, all information necessary for determining what amounts should be appropriated for each function and purpose. The estimate for each department, board and

commission shows the various services to be rendered, and every dollar set aside is for one or another of the purposes set forth in the classification.

* * * * *

If adopted and made standard, the new system will permit of comparisons from year to year, and also between the amounts appropriated and the amounts expended.

I have estimated the receipts from payments of taxes to be	$11,629,909.50
And Receipts from other sources	2,682,100.00
Making the Total of Receipts	$14,312,009.50

TAX LEVY.

On the basis of the above figures I have estimated the Tax Levy for the several different funds as follows:

For the General Fund	1.3257
For the Firemen's Relief and Pension Fund	.0185
For the Common School Fund	.2156
For the Library Fund	.0181
For the Park Improvement Fund	.0700
For Redemption and Interest of Bonds sold prior to November 8, 1910	.2166
For Redemption and Interest of Bonds sold since November 8, 1910	.2727
Total Tax Rate	2.1372

Having no definite figures regarding the amount of the Assessed Valuation, these figures are based on a probable assessed value for the year 1914-1915 of $540,000,000.00 for City and County purposes.

Respectfully submitted,

THOMAS F. BOYLE,
Auditor.

AUDITOR'S ESTIMATE

Probable Expenditures and Revenue for the Fiscal Year 1914-15.

GENERAL GOVERNMENT

Legislative Department (Supervisors).

Supervisors	$ 43,200.00	
Expert Accountant	3,600.00	
Bond and Ordinance Clerk	3,000.00	
Chauffeur	1,500.00	
Chief Clerk (City Clerk)	3,600.00	
Assistant Chief Clerk	2,700.00	
Superintendent of Supplies	3,000.00	
Assistant Clerks—3 at $2,100.00 each	6,300.00	
Assistant Clerks—2 at $1,800.00 each	3,600.00	
Assistant Clerks—3 at $1,500.00 each	4,500.00	
Assistant Clerks—2 at $1,200.00 each	2,400.00	
Stationery Clerk	1,920.00	
Stenographer, Finance Committee	2,100.00	
Telephone Operator and Filing Clerk	1,200.00	
Telephone Operator (Detailed for Superior Courts)	1,200.00	
Sergeant at Arms	1,440.00	
		$ 85,260.00
Finance Committee (Investigation Expense)	8,000.00	
		8,000.00
Advertising Resolutions and Ordinances	23,000.00	
Annual Dues—League of Municipalities	120.00	
Auto Supplies and Repairs	5,000.00	
Supply Committee Expense	3,000.00	
Premium on Official Bonds	295.00	
Printing Public Documents	11,000.00	
Printing Law and Motion Calendar	5,000.00	
Printing Municipal Reports	5,000.00	
Printing License Blanks and Tags	2,000.00	
Stationery and Postage (Supervisors)	3,500.00	
Purchase of Directories	600.00	
Rebinding Books	500.00	
Purchase of Typewriting Machines	500.00	
Furniture	2,000.00	
Urgent Necessities (Not otherwise provided for)	40,000.00	
		101,515.00

Total for Supervisors $194,775.00

GENERAL GOVERNMENT—Continued

Department of Public Works—Administrative.

General Office.

Commissioners	12,000.00	
Deputy Commissioner	3,000.00	
Clerks—1 at $3,000.00		
Clerks—1 at 2,400.00		
Clerks—1 at 1,800.00	7,200.00	
Stenographers—3 at 1,500.00		
Stenographers—1 at 1,200.00	5,700.00	
Chauffeur	1,500.00	
Messenger	1,500.00	
Telephone Operators—2 at $900.00	1,800.00	
		32,700.00

Bookkeeping Department.

Head Bookkeeper	3,600.00	
Assistant Bookkeeper	1,500.00	
Clerks—1 at 2,100.00		
Clerks—1 at 1,800.00		
Clerks—1 at 1,500.00	5,400.00	
Stenographer	1,200.00	
Chief Timekeeper	1,800.00	
2 Assistant Timekeepers at $1,380.00	2,760.00	
Clerks—2 at $1,200.00	2,400.00	
		18,660.00

Cashier's Office.

Cashier	2,400.00	
2 Clerks at $1,800.00	3,600.00	
Stenographer	1,500.00	
		7,500.00

Engineer's Department.

City Engineer	15,000.00	
Assistant Engineers—1 at $4,800.00		
Assistant Engineers—1 at 3,000.00		
Assistant Engineers—2 at 1,500.00	10,800.00	
Surveyor's Field Assistant (Office)	2,100.00	
Draftsmen—1 at $1,800.00		
Draftsman—1 at 1,500.00	3,300.00	
Stenographer and Bookkeeper	1,500.00	
		32,700.00

Laboratory.

Chemist	2,100.00	
Assistant Chemist	1,500.00	
		3,600.00

GENERAL GOVERNMENT—Continued

Department of Public Works—Administrative—Continued

Photostat and Blue Print.		
Surveyor's Field Assistant	1,800.00	
Maintenance	2,500.00	
		4,300.00
Bureau of Complaints.		
Chief Deputy	3,000.00	
Clerks—1 at $2,400.00		
Clerks—1 at 1,800.00	4,200.00	
Inspectors—3 at 2,100.00		
Inspectors—2 at 1,800.00	9,900.00	
		17,100.00
General Maintenance.		
Advertising Proposals and Resolutions	13,000.00	
Auto Supplies and Repairs	5,000.00	
Carfare	2,000.00	
Engineering Materials and Instruments	6,000.00	
Printing and Stationery	7,000.00	
Janitor's Cleaning Supplies	2,100.00	
Fuel and Fuel Oil	5,000.00	
Repairs to Machinery	5,000.00	
Hardware	1,000.00	
Removing Garbage	300.00	
Towel Service	2,000.00	
Transportation (Buggies)	12,000.00	
		60,400.00

Total for Department of Public Works—Administrative—$176,960.00

Civil Service Commission.		
Commissioners	3,600.00	
Chief Examiner	2,400.00	
Assistant Secretary	1,500.00	
Clerk	1,200.00	
Special Examiners and Inspectors	7,500.00	
		16,200.00
Maintenance	4,900.00	
		4,900.00

Total for Civil Service Commission $21,100.00

Board of Censors.		
Board of Censors	600.00	
		600.00

Total for Legislative Department, $393,435.00

GENERAL GOVERNMENT—Continued

Executive Department.

Mayor	6,000.00	
Secretary	2,400.00	
Assistant Secretary	2,100.00	
Stenographers—1 at $1,500.00		
Stenographers—1 at 1,200.00		
Stenographers—1 at 900.00	3,600.00	
Telephone Operator	900.00	
Usher	900.00	
Chauffeur	1,500.00	
		17,400.00
Contingent Expense	3,600.00	
Incidentals	1,740.00	
Stationery and Printing	500.00	
Premium on Bonds	62.50	
Furniture	300.00	

Total for Executive Department $23,602.50

Finance and Accounts Department.

Auditor.

Auditor	4,000.00	
Chief Deputy	2,400.00	
Assistant Deputies—3 at $2,400.00	7,200.00	
Assistant Deputies—2 at $2,100.00	4,200.00	
Assistant Deputies—3 at $1,800.00	5,400.00	
Assistant Deputies—2 at $1,500.00	3,000.00	
Clerks—2 at $1,200	2,400.00	
Expert Clerk on Minor Children	1,500.00	
Telephone Operator (Old City Hall)	1,080.00	
Stenographer	1,500.00	
Attorney's Fees	1,800.00	
		34,480.00
Experting and Computing Assessment Roll	6,000.00	
Incidentals	400.00	
Stationery and Adding Machine	700.00	
Premium on Official Bonds	175.00	
		7,275.00

Total for The Auditor $41,755.00

Treasurer.

Treasurer	4,000.00
Chief Deputy	2,400.00
Deputies—2 at $1,800.00 each	3,600.00
Clerk	1,200.00

GENERAL GOVERNMENT—Continued

Finance and Accounts Department—Continued

Coupon Clerk	1,800.00	
Bookkeeper	2,100.00	
Assistant Bookkeeper	1,800.00	
Cashier	3,600.00	
Clerks—2 at $1,800.00 each	3,600.00	
Bond and Bank Deputy	3,600.00	
		27,700.00
Auto Hire—Transportation of Coin	600.00	
Incidentals	300.00	
Premium on Official Bonds	1,000.00	
Stationery and Printing	600.00	
		2,500.00

(Total for Treasurer $30,200.00)

Total for Finance and Accounts Department $71,955.00

Assessment and Revenue Department.

Assessor	8,000.00	
Chief Deputy	2,400.00	
Cashier	1,800.00	
Assistant Deputies—8 at $1,800 each	14,400.00	
Extra Clerks	40,000.00	
Extra Clerks—Additional	6,000.00	
Poll Tax Collectors	5,000.00	
Clerks—18 at $1,200.00	21,600.00	
		99,200.00
Field Deputy Expenses	2,000.00	
Stationery, Printing and Paper	5,500.00	
Premium on Official Bond	250.00	
		7,750.00

Total for Assessment and Revenue Department $106,950.00

Collection of Revenue.

Tax Collector	4,000.00
Chief Deputy	2,400.00
Cashier	2,400.00
Assistant Cashiers—2 at $1,800.00	3,600.00
Assistant Cashiers—4 temporary	1,200.00
Deputies	22,500.00
Deputies—Additional	12,500.00
Special Deputies—3 at $1,800.00	5,400.00
Blockbookman	1,500.00
Extra Clerks	6,220.00

GENERAL GOVERNMENT—Continued

Collection of Revenue—Continued

Accountant	2,400.00	
Searcher of Records	1,800.00	
Stenographer	1,380.00	
		67,300.00
Advertising Tax Sales	250.00	
Transportation and Carfare—Incidentals	790.00	
Publishing Delinquent Tax List	1,500.00	
Stationery, Printing and Postage	2,900.00	
Premium on Official Bonds	500.00	
		5,940.00

Total for Collection of Revenue $73,240.00

Law Offices.

City Attorney's Office.

City Attorney	5,000.00	
City Attorney—2 Assistants at $3,600	7,200.00	
City Attorney—4 Assistants at $3,000	12,000.00	
City Attorney—1 Assistant at $2,400	2,400.00	
City Attorney—1 Assistant at $1,800	1,800.00	
Chief Clerk and Assistant	2,700.00	
Stenographers—4	4,200.00	
Messenger	900.00	
		36,200.00
Professional Services—Experts	2,500.00	
Newspaper and Press Clippings	50.00	
Premium on Official Bonds	25.00	
Report on Titles	225.00	
Printing, Stationery and Law Books	2,000.00	
Maps, Files and Indices	200.00	
Incidentals	100.00	
Stenography and Typewriting	1,500.00	
		6,600.00

Total for City Attorney's Office $42,800.00

District Attorney's Office.

District Attorney	5,000.00
4 Assistants at $3,600.00 each	14,400.00
2 Assistants at $3,000.00 each	6,000.00
5 Assistants at $2,400.00 each	12,000.00
1 Warrant and Bond Clerk	2,400.00
1 Warrant and Bond Clerk	2,100.00

GENERAL GOVERNMENT—Continued

Law Offices—Continued		
3 Warrant and Bond Clerks—Assistants—at $1,500.00 each	4,500.00	
Chief Clerk	1,800.00	
Assistant Clerk	1,200.00	
Bookkeeper	1,200.00	
Stenographer—1 at $2,400.00		
Stenographer—1 at 900.00	3,300.00	
Messenger	1,500.00	
		55,400.00
Automobile Service	1,000.00	
Premium on Official Bond	75.00	
Stationery, Printing and Law Books.	1,000.00	
Serving Subpoenas	75.00	
Extraordinary Expense	5,000.00	
Transcribing Testimony	800.00	
		7,950.00
Total for District Attorney $63,350.00		
Total for Law Offices $106.150.00		
Department of Elections.		
Commissioners—5	5,000.00	
Registrar and Secretary	2,400.00	
Office Deputies—8 at $1,800.00	14,400.00	
Stenographer	1,200.00	
Storekeeper	1,200.00	
		24,200.00
Extra Clerks—Office Registration	40,000.00	
Extra Clerks—District Registration	8,200.00	
Extra Clerks—Examining Petitions	2,000.00	
		50,200.00
Primary Elections.		
Registration Clerks	12,000.00	
Election Officers	24,180.00	
		36,180.00
General Elections.		
Registration Clerks	12,000.00	
Election Officers	27,180.00	
	39,180.00	
Warehouse Clerk and Mechanic	1,800.00	
		40,980.00

GENERAL GOVERNMENT—Continued

Department of Elections—Continued

Advertising	5,500.00	
Postage and Sample Ballots	4,500.00	
Printing Register and Indexes	12,000.00	
Ballot Paper	4,500.00	
Erecting, Hauling and Storing Booths	13,285.00	
Cartage and Delivering Supplies	800.00	
Livery and Auto Service	500.00	
Stationery	6,600.00	
Premium on Bonds	125.00	
Furnishing and Equipping Booths	5,440.00	
Miscellaneous Expense	10,000.00	
		63,250.00

Total for Department of Elections $214,810.00

Judicial.

Justices' Court.

Justices of the Peace—5 at $3,600.00	18,000.00	
Clerk	3,000.00	
Cashier	1,800.00	
Deputies—2 at $1,500.00	3,000.00	
Deputy—1 at $1,800.00	1,800.00	
Messenger	1,200.00	
		28,800.00
Stationery	800.00	
Law Books	150.00	
		950.00

Superior Court.

Superior Judges—16 at $3,000.00	48,000.00	
Secretary	3,000.00	
		51,000.00
Court Reporters—Criminal Cases	20,000.00	
Messenger and Student	720.00	
Court Interpreters	9,600.00	
Miscellaneous Court Orders	2,500.00	
Furniture	1,500.00	
Stationery	1,200.00	
		35,520.00

Grand Jury Expenses.

Compensation of Jurors	3,000.00	
Expert Services	3,600.00	
Auto Hire	1,200.00	

GENERAL GOVERNMENT—Continued

Judicial—Continued

Stationery and Printing	500.00	
Transcribing Testimony	4,500.00	
Incidentals	200.00	
		13,000.00
Jury Fees and Witness Expenses	28,000.00	
		28,000.00

Trial Jury Expense.

Meals and Transportation	2,000.00	
		2,000.00

Examination of Insane.

Medical Examinations	8,000.00	
		8,000.00
Maintenance of Criminal Insane	2,500.00	
		2,500.00

Police Courts.

Police Judges—4 at $3,600.00	14,400.00	
Stenographers—4 at $2,400.00	9,600.00	
		24,000.00
Expense—Stationery	500.00	
		500.00

Law Library.

Librarian and Messenger	4,800.00	
		4,800.00

Public Administrator.

Advertising	90.00	
Premium on Official Bonds	250.00	
		340.00

Coroner.

Coroner	4,000.00	
Autopsy Physician	2,400.00	
Chief Deputy	2,400.00	
Assistant Deputies—3 at $1,500 each	4,500.00	
Driver and Hostler	1,080.00	
Stenographer and Assistant	3,300.00	
Toxicologist	1,200.00	
Night Clerk and Matron	900.00	
Clerk and Matron	900.00	
Morgue Tender	900.00	
Messenger and Chauffeur	1,200.00	
Female Deputy	1,200.00	
		23,980.00

GENERAL GOVERNMENT—Continued

Judicial—Continued

Auto and Wagon Repairs	500.00	
Forage and Auto Supplies	500.00	
Horseshoeing and Clipping	200.00	
Laundry Supplies	200.00	
Photographing Unknown Dead	150.00	
Premium on Official Bond	25.00	
Stationery, Printing and Subscription to Papers	325.00	
Incidental Expenses	430.00	
Recovery of Bodies from Bay	470.00	
		2,800.00

Total for Coroner $26,780.00

County Clerk.

County Clerk	4,000.00	
Chief Register Clerk	2,400.00	
Cashier	1,800.00	
Regular Clerks—5 at $1,800.00	9,000.00	
Assistant Regular Clerks — 10 at $1,500.00	15,000.00	
Court Room Clerks, Superior Courts —16 at $1,500.00	24,000.00	
Court Room Clerks, Police Courts—4 at $1,500.00	6,000.00	
Copyists—31 at $1,200.00	37,200.00	
Deputies—6 at $1,200.00	7,200.00	
Messenger	1,200.00	
		107,800.00
Car Fare and Incidentals	200.00	
Furniture and Filing Cases	2,000.00	
Premium on Official Bonds	200.00	
Stationery and Printing	4,500.00	
		6,900.00

Sheriff.

Sheriff	8,000.00	
Under Sheriff	2,400.00	
Attorney	1,800.00	
Cashier and Bookkeeper	2,400.00	
Assistant Bookkeepers—2	3,000.00	
Office Deputies—13	19,500.00	
Stenographer	1,200.00	
Bailiffs	21,600.00	
		59,900.00

GENERAL GOVERNMENT—Continued

Judicial—Continued

Jails and Prisons.

Superintendent of Jails	1,800.00	
Commissary	1,500.00	
Chief Jailer	1,800.00	
Jailers—10	12,000.00	
Jail Guards	13,200.00	
Road Guards	5,400.00	
Matron	900.00	
Bookkeeper for Jails	1,500.00	
Van Drivers—2	1,800.00	
Cooks—2	1,800.00	
Druggist	1,200.00	
		42,900.00

Subsistence of Prisoners.

Bread	5,000.00	
Drugs and Medicines	750.00	
Dry Goods and Clothing	3,500.00	
Fuel and Oil	2,500.00	
Fruits and Vegetables	4,000.00	
Groceries	11,000.00	
Ice	650.00	
Meats, Poultry and Fish	8,500.00	
Milk and Cream	1,300.00	
Shoes and Findings	1,200.00	
Transportation of Prisoners	150.00	
		38,550.00

General Maintenance.

Blacksmithing and Wagon Repairs	600.00	
Horseshoeing and Clipping	500.00	
Livery and Horse Hire	480.00	
Premium on Official Bond	300.00	
Stationery and Printing	1,000.00	
Harness	320.00	
Forage	4,500.00	
Furniture	2,500.00	
Incidentals	150.00	
		10,350.00

Total for Sheriff $151,700.00
Total for Judicial $492,590.00

Municipal Buildings.

Rents	75,000.00	
Water for Municipal Buildings	26,000.00	

GENERAL GOVERNMENT—Continued

Municipal Buildings—Continued		
Lighting Pubic Buildings	50,000.00	
Inspector and Assistant	3,780.00	
Building Inspections.		
Chief Inspector	3,600.00	
Inspectors—2 at $2,100; 7 at $1,800	16,800.00	
Boiler Inspector	1,800.00	
Clerk and Stenographer	2,400.00	
Clerk	1,800.00	
Structural Engineer	2,400.00	
Inspector of House Numbers	2,100.00	
		30,900.00
Bureau of Architecture.		
Architects—3 at $5,000.00	15,000.00	
Clerk	2,100.00	
Stenographers—2 at $1,200.00	2,400.00	
Chief Draftsman	3,000.00	
Assistant Draftsman	960.00	
Superintendent of Construction	3,300.00	
		26,760.00
Building Repairs and Maintenance.		
Superintendent of Buildings	3,000.00	
Assistant Superintendent	2,400.00	
Head Plumber	2,400.00	
Head Painter	2,400.00	
Clerks—1 at $1,800.00; 1 at $1,500.00; 1 at $1,200.00	4,500.00	
Head Janitor and Assistant—1 at $1,800.00; 1 at $1,380.00	3,180.00	
Janitors—39 at $1,080.00	42,120.00	
Watchmen—2 at $1,080.00	2,160.00	
Chief Engineers—2 at $2,100.00	4,200.00	
Engineers—5 at $1,500.00	7,500.00	
Elevator Conductors—14 at $1,080.00	15,120.00	
		88,980.00
General Expenditures.		
Repairs and Reconstruction.		
Municipal Office and Buildings	24,000.00	
Police Department Buildings	7,000.00	
Fire Department Buildings	24,000.00	
School Department Buildings	100.000.00	
Jails	5,000.00	
		160,000.00

Total for Municipal Buildings $461,420.00

Total for General Government $1,943,152.50

PROTECTION TO LIFE AND PROPERTY

Police Department.

Commissioners	4,800.00	
Secretary	1,500.00	
Confidential Clerk to Chief	2,400.00	
Stenographer	1,800.00	
Surgeon	1,500.00	
Chief of Police	4,000.00	
Clerk to Chief	2,400.00	
Property Clerk	2,400.00	
Captain of Detectives	3,000.00	
9 Captains of Police	21,600.00	
18 Lieutenants at $1,920.00	34,560.00	
25 Detective Sergeants at $1,800.00	45,000.00	
53 Sergeants at $1,680.00	89,080.00	
57 Corporals at $1,560.00	88,920.00	
747 Patrolmen at $1,464.00	1,093,608.00	
3 Police Women at $1,200.00	3,600.00	
26 Patrol Drivers at $1,200.00	31,200.00	
4 Telephone Operators at $900.00	3,600.00	
Relief Operators	300.00	
4 Matrons at $1,020.00	4,080.00	
9 Hostlers at $1,080.00	9,720.00	
Cook	1,200.00	
2 Stenographers	2,400.00	
Engineers on Launches—3	4,500.00	
100 Additional Patrolmen—first six months Panama-Pacific International Exposition	73,200.00	
		1,530,368.00
Police Contingent Expenses	10,000.00	
Subsistence of Prisoners, City Prison	8,000.00	
Auto and Motorcycle Supplies	10,000.00	
Maintenance of Police Patrol	30,000.00	
Photographic Supplies, Laundry, etc	3,000.00	
Automobile	4,500.00	
Repairs to Launch	2,000.00	
Stationery—Printing Police Bulletin	6,000.00	
Furniture	2,000.00	
Premium on Bonds	100.00	
		75,600.00

Total for Police Department $1,605,968.00

PROTECTION TO LIFE AND PROPERTY—Continued

Fire Department (Including Water and Pensions).

Commissioners	4,800.00	
Secretary	2,400.00	
Physician	1,800.00	
Stenographer	1,800.00	
Chief Engineer	5,000.00	
1st Assistant Chief	3,600.00	
2nd Assistant Chief	3,000.00	
11 Battalion Chiefs at $2,700.00	29,700.00	
11 Operators at $1,500.00	16,500.00	
47 Engine Companies	777,500.00	
2 Relief Companies	9,900.00	
13 Chemical Companies	82,350.00	
12 Truck Companies	212,000.00	
2 Fire Boat Companies	74,100.00	
3 Monitor Batteries	4,320.00	
2 Water Tower Companies	12,900.00	
New Companies	35,030.00	
		1,276,700.00

Corporation Yard.

Superintendent of Engines	2,700.00	
Clerk and Commissary	1,800.00	
Night Watchman	1,200.00	
4 Day Watchmen	4,800.00	
3 Draymen	3,600.00	
7 Machinists	9,830.00	
Foreman Carriage and Wagon Shop	1,560.00	
5 Blacksmiths	7,020.00	
5 Blacksmith Helpers	5,014.00	
Woodworker	1,404.00	
Patternmaker	1,640.00	
2 Boilermakers	2,808.00	
Brass Finisher	1,404.00	
Steamfitter	1,872.00	
Foreman Painter	1,560.00	
3 Carriage Painters	4,214.00	
Foreman Harnessmaker	1,560.00	
3 Harnessmakers	3,978.00	
Horseshoers	6,240.00	
Hydrantmen	8,400.00	
Superintendent of Stables	1,860.00	
Hostlers	9,600.00	
Veterinarian	1,200.00	
		85,264.00

PROTECTION TO LIFE AND PROPERTY—Continued

Auxiliary Fire Protection.

Pumping Stations.

2 Engineers	4,200.00	
4 Assistant Engineers	6,000.00	
6 Firemen	7,200.00	
		17,400.00

Distributing System.

Superintendent	2,400.00	
Assistant Superintendent	1,800.00	
Foreman	1,500.00	
Gatemen—4	6,000.00	
3 Laborers	2,817.00	
Caulker	1,252.00	
Keeper of Reservoirs	1,440.00	
		17,209.00

Maintenance and Expense.

Advertising	250.00
Apparatus	75,000.00
Auto Supplies and Repairs	7,000.00
Badges	275.00
Boiler Compound	500.00
Castings	2,500.00
Chemicals	3,500.00
Forage	50,000.00
Fuel and Oil	28,000.00
Fire Extinguishers	150.00
Furniture	2,500.00
Hardware and Electrical Material	7,500.00
Hydrants Set and Re-set	7,500.00
Harness	1,500.00
Horses	5,000.00
Hose	27,000.00
Lumber	1,350.00
Lamps	900.00
Metal Polish	420.00
Machinery Repairs	5,000.00
Pads for Horses	2,000.00
Paints and Oils	5,400.00
Premium on Official Bonds	82.00
Removal of Garbage	3,000.00
Repairs to Fire Boats	5,000.00
Rubber Goods	1,800.00
Stable Supplies	800.00

PROTECTION TO LIFE AND PROPERTY—Continued

Maintenance and Expense—Continued

Stationery and Printing	2,300.00	
Sundries	1,000.00	
Waterproof Dressing	400.00	
Water for Fire Boats	1,200.00	
		248,827.00
Water for Hydrants	136,000.00	
		136,000.00
Firemen's Relief and Pension Fund	100,000.00	
		100,000.00
Exempt Firemen's Relief Fund	5,000.00	
		5,000.00

Total for the Fire Department $1,886,400.00

Department of Electricity.

Electrician	3,000.00	
Batteryman	1,500.00	
Secretary-Bookkeeper	2,100.00	
Stenographer	1,200.00	
Messenger	1,020.00	
Chief Inspector	1,800.00	
Inspector—5 at $1,500.00	7,500.00	
Aerial Inspector	1,500.00	
Clerk	1,200.00	
Chief Operator	1,800.00	
Assistant Operators—7 Fire Alarm and Police	10,500.00	
Telephone Operators	3,600.00	
Relief Operators	300.00	
Foreman Machine Shop	1,620.00	
Instrument Makers—3 at $1,350.00	4,050.00	
Machinist	1,350.00	
Painter	1,350.00	
Assistant Chief of Construction	2,400.00	
Cable Splicer	1,720.00	
Storekeeper	1,200.00	
Hostler	1,200.00	
Foreman Lineman	1,500.00	
Linemen—12 at $1,350.00	16,200.00	
Repairer	1,380.00	
Laborers—2	2,160.00	
		73,150.00

PROTECTION TO LIFE AND PROPERTY—Continued

Department of Electricity—Continued

Expense.

Auto Repairs and Supplies	600.00	
Fuel	220.00	
Hardware and Electrical Material	5,300.00	
Livery	480.00	
Crossbeams	400.00	
Lumber	500.00	
Paints and Oils	400.00	
Stationery	500.00	
Wagon Repairs	400.00	
Fire and Police Boxes	6,000.00	
Castings	1,000.00	
Wire and Cable	10,000.00	
Sundries	4,200.00	
		30,000.00

Total for Department of Electricity $78,535.00

Recorder of Deeds.

Recorder	4,000.00	
Chief Deputy	2,400.00	
5 Assistant Deputies at $1,800.00	9,000.00	
9 Clerks at $1,500.00	13,500.00	
1 Messenger	1,200.00	
1 Machinist	1,500.00	
Copyists	42,000.00	
		73,600.00

Expense.

Furniture	400.00	
Restoring Maps	2,000.00	
Stationery and Printing	2,500.00	
Premium on Bonds	35.00	
		4,935.00

Total for Recorder of Deeds $78,535.00

Sealer of Weights and Measures.

Head Sealer	1,800.00	
Assistant	1,500.00	
Stenographer	1,200.00	
Clerk	1,200.00	
		5,700.00

PROTECTION TO LIFE AND PROPERTY—Continued

Sealer of Weights and Measures—Continued

Expense.

Stationery	400.00	
Furniture	600.00	
Livery	960.00	
		1,960.00
Total for Sealer of Weights and Measures	$7,660.00	

Public Pound.

Maintenance	12,000.00	
		12,000.00
Total for Protection to Life and Property	$3,693,713.00	

CONSERVATION OF HEALTH

Health Department—General Office.

Health Officer	3,600.00	
Chief Clerk	2,700.00	
Bookkeeper and Auditor	2,100.00	
Auditor's Clerk	1,080.00	
Mortuary Clerk	1,500.00	
Birth and Registry Clerk	1,380.00	
Sanitation Clerk	1,920.00	
Complaint Clerk	1,080.00	
Filing Clerk	1,080.00	
Stenographer—1 at $1,200.00; 2 at $1,080.00	3,360.00	
Telephone Operator	960.00	
Messenger	480.00	
		21,240.00

Inspectors.

Chief Inspector	3,000.00	
Sanitary Inspectors—4 at $1,800.00	7,200.00	
Industrial Inspectors—2 at $1,380.00	2,760.00	
Chief Plumbing Inspector	2,100.00	
5 Plumbing Inspectors at $1,800.00	9,000.00	
4 Veterinary Inspectors at $1,500.00	6,000.00	
13 Market Inspectors at $1,380.00	17,940.00	
2 Dairy Veterinarians at $1,800.00	3,600.00	
2 Dairy Inspectors at $1,380.00	2,760.00	
2 Food Inspectors at $1,200.00	2,400.00	
2 Disinfectors at $1,380.00	2,760.00	

CONSERVATION OF HEALTH—Continued

Inspectors—Continued

Medical School Inspectors—1 at $1,800.00; 2 at $1,200.00	4,200.00	
14 Medical Health Inspectors at $900.00	12,600.00	
		76,320.00

Laboratory.

Director of Laboratory	3,000.00	
Assistant Director of Laboratory	1,500.00	
Helper in Laboratory	720.00	
Chemist	1,500.00	
Assistant Chemist	1,320.00	
Helper	900.00	
		8,940.00

Expense of General Health Administration.

Animals for Experimenting	50.00	
Auto Repairs and Supplies	800.00	
Drugs and Chemicals	1,000.00	
Groceries and Samples	200.00	
Ice	150.00	
Incidentals and Car Fare	2,000.00	
Inspector of Outside Dairies	1,000.00	
Livery and Transportation	2,750.00	
Laboratory Supplies	150.00	
Typewriter and Repairs	150.00	
Stationery and Printing	3,750.00	
Surgical Instruments	350.00	
Equipment for Office	650.00	
		12,000.00

Tubercular Hospital.

Resident Physician	1,800.00
Internes—2 at $480.00	960.00
Gatemen—3 at $600.00	1,800.00
Graduate Nurses—3 at $900.00	2,700.00
Commissary and Clerk	1,200.00
Telephone Operator	720.00
Chambermaid	420.00
Male Nurses—2 at $360.00	720.00
Superintendent of Nurses	1,080.00
Yardmen—2 at $240.00	480.00
Waiters	1,725.00
Cook	1,080.00
Pupil Nurses	1,440.00

CONSERVATION OF HEALTH—Continued

Tubercular Hospital—Continued

Orderlies	1,920.00	
Pantrymen	900.00	
Helpers	1,420.00	
Morgue Tender	240.00	
Mattress Maker	240.00	
Wardmen	1,440.00	
		22,385.00

Expense.

Bread	1,300.00	
Cartage and Hauling	500.00	
Drugs and Medical Supplies	2,700.00	
Dry Goods and Clothing	2,600.00	
Fruits and Vegetables	3,600.00	
Fuel and Fuel Oil	2,000.00	
Groceries and Provisions	13,500.00	
Furniture and Bedding	2,500.00	
Ice	600.00	
Liquors	500.00	
Milk and Cream	5,000.00	
Meat, Poultry and Fish	8,000.00	
Optical Goods and Instruments	500.00	
Stationery and Printing	400.00	
Removing Rubbish	500.00	
Sundries	1,800.00	
		46,000.00

Isolation Hospital.

Resident Physician	2,400.00	
Stenographer-Bookkeeper	1,080.00	
Chief Nurse	1,080.00	
Male Nurse	960.00	
Nurses—2 at $900.00	1,800.00	
Pupil Nurses—6 at $144.00	864.00	
Cooks—2 at $1,080.00	2,160.00	
Watchmen—1 at $720.00; 2 at $960.00	2,640.00	
Wardmen—3 at $360.00	1,080.00	
Helpers and Laundrymen	900.00	
		14,964.00

Expense.

Auto Supplies and Services	500.00	
Bread	700.00	
Drugs and Medical Supplies	1,000.00	
Dry Goods and Clothing	750.00	

CONSERVATION OF HEALTH—Continued

Isolation Hospital—Expense—Continued

Forage	450.00	
Fruits and Vegetables	800.00	
Furniture and Bedding	650.00	
Groceries	3,500.00	
Garbage Removal	150.00	
Harness Repairs	100.00	
Horses—Keeping and Shoeing	500.00	
Meat, Poultry and Fish	2,600.00	
Milk and Cream	1,000.00	
Stationery and Printing	150.00	
Surgical Instruments	150.00	
		13,000.00

Total for Conservation of Health $214,849.00

SANITATION AND PROMOTION OF CLEANLINESS

General Repairs to Sewers.

Superintendent	3,000.00	
Clerks—2 at $1,500.00	3,000.00	
Stenographer	1,500.00	
Carpenters and Cribbers	10,000.00	
Foremen	10,000.00	
Brickklayers and Hodcarriers	20,000.00	
Sewer Cleaners and Laborers	60,000.00	
Storekeeper	1,800.00	
Watchmen	8,700.00	
Teamsters	35,000.00	
		153,000.00

Expense.

Blacksmithing	540.00	
Cement, Lime, etc	2,500.00	
Hardware and Tools	2,000.00	
Brick	1,800.00	
Sewer Pipe	5,000.00	
Iron Castings	2,500.00	
Hose	500.00	
Livery	960.00	
Water	4,200.00	
Lumber	1,200.00	
Rubber Goods	800.00	
		22,000.00

SANITATION AND PROMOTION OF CLEANLINESS—Continued

Garbage Disposal.

Chief Engineer	2,100.00	
2 Engineers at $1,500.00 each	3,000.00	
6 Stokers at $1,200.00	7,200.00	
Laborers	8,600.00	
Clerks—2 at $1,200.00	2,400.00	
		23,300.00
Fuel and Maintenance	5,000.00	
		5,000.00

Cleaning and Sweeping Streets.

Superintendent	3,000.00	
Superintendent-Assistant	1,800.00	
Clerks—1 at $1,800.00; 1 at $1,500.00; 1 at $1,200.00	4,500.00	
Bunkermen—2 at $1,200.00	2,400.00	
Dump Foremen—3 at $1,080.00	3,240.00	
Blacksmiths—1 at $1.500.00; 1 at $1,050.00	2,550.00	
Carriage Painter	1,500.00	
Gang Foremen	22,200.00	
Street Sweepers	185,000.00	
Teamsters	142,000.00	
Watchmen—2 at $1,080.00	2,160.00	
		370,350.00

Expense.

Blacksmithing and Wagon Repairs	4,500.00	
Brooms and Brushes	1,200.00	
Cans for Garbage	2,400.00	
Rubber Goods	650.00	
Hand Carts and Wagons	2,000.00	
Transportation	1,440.00	
Lumber	600.00	
Oils	760.00	
Hardware	2,700.00	
Flushing Machines	2,400.00	
Sundries	3,000.00	
Water	8,000.00	
		29,650.00

Special Sanitation.

For Sanitary Measures—To be expended by the Board of Health under direction of the Board of Supervisors	15,000.00	
		15,000.00

Total for Sanitation and Promotion of Cleanliness $618,300.00

HIGHWAYS AND STREETS

Special Funds for the Improvement of Highways, Parks and Streets, to be expended under the direction of the Board of Supervisors.		
For Repairs to Streets and Sewers Fronting City Property	30,000.00	
For the Completion and Improvement of Streets Adjacent to Buena Vista Park	20,000.00	
For the Purchase of Rights of Way	13,000.00	
For Investigation of Public Utilities	10,000.00	
For the Opening and Extension of Repair of Streets in Outlying Districts	60,000.00	
For Construction of Convenience Stations in Parks	15,000.00	
For the Purchase of Land and Construction of Fire Department Buildings	60,000.00	
For Legal Expenses in Condemnation of Spring Valley Water System	50,000.00	
For Paving, Repairing and Reconstruction of Streets and Sewers not Otherwise Provided for in this Estimate	500.000.00	
		758,000.00

Surveys and Resurveys.

Engineer in Charge	3,600.00	
Surveyor	1,800.00	
Draughtsman—1 at $2,100.00		
Draughtsmen—2 at 1,800.00		
Draughtsmen—3 at 1,500.00	10,200.00	
Assistant Engineers—3 at $2,100.00	6,300.00	
Field Assistants—2 at $1,500.00		
Field Assistants—2 at 1,200.00	5,400.00	
Surveyors—4 at $1,800.00	7,200.00	
Surveyors' Field Assistants—		
2 at $1,500.00		
12 at 1,200.00	17,400.00	
Stenographer	1,500.00	
		53,400.00

HIGHWAYS AND STREETS—Continued

Bureau of Streets.

Superintendent of Streets	3,000.00	
Assistant Superintendent of Streets	2,400.00	
Superintendent of Street Paving	1,500.00	
Superintendent of Quarries	1,500.00	
Clerks—2 at $1,500.00	3,000.00	
Stenographer	1,500.00	
Asphaltmen	45,000.00	
Bricklayers and Hodcarriers	1,200.00	
Carpenters	2,500.00	
Cement Finishers	5,000.00	
Engineers Steam Rollers	8,700.00	
Foremen	20,000.00	
Granite Cutters	12,000.00	
Laborers	85,000.00	
Pavers and Rammers	60,000.00	
Storekeepers	3,300.00	
Quarrymen	8,400.00	
Teamsters	76,000.00	
Watchmen	3,240.00	
		343,240.00

Expense and Maintenance.

Asphalt and Bitumen	32,000.00	
Auto Supplies	1,000.00	
Blacksmithing, Wagon Repairs and Tools	4,500.00	
Basalt and Brick	2,500.00	
Carfare and Incidentals	600.00	
Dynamite and Blasting Powder	1,200.00	
Electric Power	1,200.00	
Freight and Cartage	600.00	
Livery and Transportation	3,000.00	
Lumber	4,500.00	
Machinery and Rent of Heaters	8,000.00	
Rock and Sand	28,100.00	
Cement	10,000.00	
Grouting and Curbing	40,000.00	
Hardware and Tools	5,000.00	
Fuel and Oil	5,200.00	
Paints and Oil	2,000.00	
Rubber Goods	1,200.00	
Setting Hydrants	10,000.00	
Water for Troughs	3,000.00	
		163,600.00

HIGHWAYS AND STREETS—Continued

Lighting Streets and Highways.

Gas and Electricity	415,000.00	
		415,000.00

Bridges.

Engineers on Bridges	9,360.00	
Engineers, Relief	1,560.00	
Watchmen and Bridge Tenders	7,560.00	
Watchmen and Bridge Relief	1,080.00	
		19,560,00

Municipal Water Works.

Maintenance	2,700.00	
		2,700.00

Total for Highways and Streets $1,755,500.00

CHARITIES AND CORRECTIONS.

Maintenance of Minor Children.

Widows' Pension Bureau—Salaries.

Director	2,100.00	
Social Service Visitor	1,200.00	
Social Service Nurse	1,080.00	
Stenographer and Bookkeeper	960.00	
Incidentals	360.00	
		5,700.00

Care of Minor Children.

Feeble Minded Children	28,000.00	
		28,000.00
St. Catherine's Home (Magdalen Asylum)	6,000.00	
		6,000.00
State Reform Schools	8,500.00	
		8,500.00
Widows' Pensions	107,520.00	
		107,520.00
Other Charitable Institutions	180,000.00	
		180,000.00
Burial of ex-Union Soldiers and Sailors	2,500.00	
Burial of Indigent Dead	4,000.00	
		6,500.00

CHARITIES AND CORRECTIONS—Continued

Relief Home for the Aged.

Superintendent		3,600.00
Clerk		1,500.00
Stenographer		1,080.00
Physicians—2 at $1,620.00		3,240.00
Head Nurse		900.00
Nurse		840.00
5 Nurses at $720.00		3,600.00
Stewards		5,100.00
Head Matron		960.00
2 Matrons at $780.00 each.		1,560.00
Ambulance Driver	$960.00	
2 Teamsters—each at	900.00	2,760.00
Warehouseman		1,080.00
Plumber		1,800.00
Watchmen—3 at $780.00		2,340.00
Farmer		1,200.00
Engineer		1,500.00
Assistant Engineer		1,380.00
Butcher		1,200.00
Gardener		960.00
Cooks		5,640.00
Laundrymen and Laundresses		3,600.00
Pantrymen—2 at $600.00		1,200.00
Orderly		480.00
Seamstresses—2		1,200.00
Milker		600.00
Inmate Labor		15,360.00
		64,680.00

Relief Home for the Aged—Expense.

Ambulance—Repairs, etc.	900.00
Boiler Compound	800.00
Drugs and Medical Supplies	2,800.00
Dry Goods and Clothing	6,500.00
Electrical Supplies and Hardware	2,800.00
Employment Bureau	300.00
Fuel and Oil	4,000.00
Furniture and Bedding	2,000.00
Forage	8,000.00
Fruits and Vegetables	4,000.00
Groceries	44,000.00
Horseshoeing and Clipping	600.00
Janitorial Supplies	1,600.00
Lime and Cement	900.00

CHARITIES AND CORRECTIONS—Continued

Relief Home for the Aged—Expense—Continued

Liquors and Tobacco	5,000.00	
Lumber	1,200.00	
Meat, Poultry and Fish	30,000.00	
Milk and Cream	6,000.00	
Paints and Oils	1,000.00	
Repairs to Machinery	1,500.00	
Rubber Goods	500.00	
Shoes and Findings	1,500.00	
Stationery and Printing	500.00	
Water	600.00	
		127,000.00

Probation Officer—Juvenile Court.

Chief Probation Officer	2,700.00	
Chief Assistant	2,100.00	
Assistants—9 at $1,500.00	13,500.00	
Assistant—1 at $1,800.00		
Assistant—1 at 1,200.00	3,000.00	
Clerk	1,500.00	
Stenographers—2 at $1,080.00		
Stenographer—1 at 720.00	2,880.00	
Filing Clerk and Collector	1,740.00	
Maintenance	2,400.00	
		29,820.00

Juvenile Detention Home.

Superintendent and Assistant	2,400.00	
Cook	600.00	
Night Superintendent	1,200.00	
Matron—1 at $900.00		
Matron—1 at 600.00	1,500.00	
Nurses—2 at $600.00	1,200.00	
Clinic Nurse	720.00	
		7,620.00
Maintenance	8,000.00	
		8,000.00

Main Hospital.

Ambulance Driver	1,080.00
Anaesthetist	750.00
Bus Driver	480.00
Butcher and Helper	1,200.00
Chambermaid	480.00
Commissary Clerk	1,800.00
Commissary Porter	480.00
Commissary Helper	320.00
Cooks and Helpers	3,800.00

CHARITIES AND CORRECTIONS—Continued

Main Hospital—Continued

Carpenters	300.00	
Cartmen	240.00	
Druggist and Assistant	2,100.00	
Dishwashers	700.00	
Elevatormen—3 at $600 each	1,800.00	
Garbageman	180.00	
Gatekeepers	720.00	
Hostler	120.00	
Internes	3,200.00	
Inmates Compensation	2,380.00	
Inspector of Indigents	1,200.00	
Superintendent of Nurses	1,800.00	
Laundry Employes	1,200.00	
Morgue Attendant	300.00	
Nurses (Graduate)	3,000.00	
Nurse—Operating Room	1,080.00	
Nurses—Pupil	4,200.00	
Orderlies	6,000.00	
Pantrymen	1,600.00	
Potwasher	240.00	
Physicians—2	2,400.00	
Porters	1,500.00	
Secretary	1,800.00	
Clerk	1,200.00	
Seamstress	600.00	
Storekeeper	160.00	
Surgical Dresser	1,200.00	
Teamster	960.00	
Telephone Operator	700.00	
Waiters	2,750.00	
Wardmen	1,200.00	
Watchmen	1,700.00	
Window Cleaner	240.00	
X-Ray Operator	840.00	
		60,000.00

Expense.

Bread	3,750.00	
Drugs and Medical Supplies	8,000.00	
Dry Goods and Clothing	4,500.00	
Electrical Supplies and Hardware	900.00	
Fruits and Vegetables	3,500.00	
Furniture	1,000.00	
Fuel and Oil	8,300.00	

CHARITIES AND CORRECTIONS—Continued

Main Hospital—Expense—Continued		
Groceries and Provisions	20,000.00	
Ice	560.00	
Incidentals	540.00	
Liquors	900.00	
Meats, Poultry and Fish	11,500.00	
Milk and Cream	8,500.00	
Material for Repairs	500.00	
Optical Goods	400.00	
Removal of Garbage	50.00	
Rubber Goods	400.00	
Stationery	700.00	
Surgical Supplies	3,500.00	
Wagon Repairs	500.00	
		78,000.00
Emergency Hospitals.		
Chief Surgeon	2,400.00	
Chief Steward	2,100.00	
Clerk-Stenographer	960.00	
Assistant Surgeons—15 at $1,320.00	19,800.00	
Stewards—21 at $1,200.00	25,200.00	
Nurses—6 at $960.00	5,760.00	
Matrons—3 at $840.00	2,520.00	
3 Pupil Nurses at $144.00	432.00	
Seamstress	720.00	
Ambulance Drivers	16,200.00	
Relief for Vacations	2,000.00	
		78,092.00
Expense.		
Auto Repairs	2,000.00	
Drugs and Medical Supplies	2,000.00	
Dry Goods	1,000.00	
Forage	1,800.00	
Furniture and Bedding	800.00	
Groceries—Provisions	3,000.00	
Horseshoeing and Clipping	800.00	
Ice	300.00	
Incidentals	250.00	
Liquors	500.00	
Printing and Stationery	500.00	
Removing Garbage	250.00	
Rent of Stables	900.00	
Rubber Goods	200.00	
		14,300.00

Total for Charities and Corrections $809,732.00

EDUCATION.

The Public Library.

Librarian and Assistants	8,400.00	
Secretary and Assistant	4,200.00	
Office Assistants	19,000.00	
Special Assistant	1,020.00	
Branch Superintendent	1,200.00	
Cataloguers	4,320.00	
Curators	3,100.00	
Expressman	780.00	
Keepers	2,700.00	
Messengers (pages)	2,500.00	
Book Repairers	2,000.00	
Stenographer	1,080.00	
Substitutes	500.00	
		50,800.00

Expense.

Books and Periodicals	21,000.00	
Binding	6,000.00	
Catalogue Cards	950.00	
Dues to Association	12.00	
Fuel	650.00	
Furniture	2,500.00	
Incidentals	1,200.00	
Insurance	1,200.00	
Janitor's Supplies	600.00	
Lamps and Hardware	100.00	
Lumber	200.00	
Paints and Oils	250.00	
Printing and Stationery	2,500.00	
Rents	3,025.00	
Auto Repairs and Supplies	700.00	
Towel Service	103.00	
Subscription to Papers	310.00	
Water	600.00	
Repairs and Sundries	5,300.00	
		47,200.00

School Department.

Superintendent	4,000.00	
Deputy Superintendents	12,000.00	
School Directors	12,000.00	
Secretary	1,800.00	
Financial Secretary	2,160.00	
2 Recording Secretaries	2,040.00	
3 Stenographers	3,600.00	

EDUCATION —Continued

School Department—Continued		
Telephone Operator	960.00	
Messenger	1,920.00	
Storekeeper	1,800.00	
Assistant Storekeeper	960.00	
Superintendent of Buildings	2,100.00	
Gas and Water Inspector	1,500.00	
Bookkeeper	1,500.00	
Chauffeur	1,500.00	
		49,840.00
Teachers' Compensation — Primary and Grammar	1,258,000.00	
Teachers' Compensation — Evening Schools	38,500.00	
Teachers' Compensation — Dept. at Large	38,500.00	
Teachers' Compensation — High Schools	208,500.00	
		1,543,500.00
Substitute Teachers	75,000.00	
		75,000.00
Janitors	109,000.00	
		109,000.00
Wages Supply Department	12,000.00	
		12,000.00
Teachers' Institute	1,500.00	
		1,500.00
Expense.		
Rents	3,000.00	
Scavenger Service	4,000.00	
Social Center Work and Lecture Bureau	10,000.00	
Promotion of Athletics	10,000.00	
Advertising	260.00	
Cartage	2,000.00	
Cooking Supplies	1,500.00	
Home Economics	3,000.00	
Fuel and Oil	18,000.00	
Gas and Electricity	9,000.00	
Water	12,000.00	
Furniture and Equipment	15,000.00	
Janitor's Supplies	5,500.00	
Miscellaneous	6,000.00	
Manual Training Supplies	5,000.00	

EDUCATION—Continued

School Department—Expense—Continued		
Printing and Stationery	20,000.00	
Loam	1,000.00	
Books	10,000.00	
Kindergarten Supplies	4,000.00	
		139,260.00
Total for Education $2,028,100.00		
RECREATION.		
Parks, Highways and Squares—7% on $540,000,000.00	378,000.00	
		378,000.00
Playgrounds.		
Superintendent	1,800.00	
Secretary	1,800.00	
Stenographer	1,200.00	
Directors	16,500.00	
Gardeners	5,400.00	
Janitors	3,700.00	
Swimming Instructors	1,800.00	
Supervisors of School Playgrounds, and Substitutes	4,800.00	
		37,000.00
Expense.		
Athletic Supplies and Apparatus	3,000.00	
Hardware and General Supplies	3,000.00	
Light and Power	750.00	
Stationery, Books and Printing	550.00	
Labor	3,000.00	
Construction and New Equipment	20,000.00	
Developing New Playgrounds	15,000.00	
		45,300.00
Musical Concerts.		
Municipal Band	10,000.00	
		10,000.00
Celebrations.		
Fourth of July Celebration	2,500.00	
Memorial Day Observance	500.00	
Columbus Day Celebration	500.00	
		3,500.00
Total for Recreation $473,800.00		
BONDS.		
Bond Interest and Sinking Fund		2,773,863.00
Grand Total		$14,312,009.50

ESTIMATED REVENUES FROM SOURCES OTHER THAN TAXES.

Fees From—

Auditor	150.00	
Sheriff	30,000.00	
County Clerk	82,500.00	
Recorder	75,000.00	
Justices' Clerk	30,000.00	
Board of Health	1,000.00	
Police Department	1,200.00	
Public Pound	4,500.00	
Public Works	18,000.00	
Department of Electricity	15,000.00	
Registrar of Voters	150.00	
Police Court Fines	40,000.00	
Licenses	1,360,000.00	
Maintenance of Fire Companies—Fair Grounds	14,500.00	
Building Permits	25,000.00	
Fines—Superior Court	1,000.00	
Sale of Old Material	1,000.00	
Refund—Care of Orphans	50,000.00	
Refund—Juvenile Home	10,000.00	
Refund—State Lunacy Commission	500.00	
Sanitary Reduction Works	17,500.00	
Interest on Loans	70,000.00	
United States Prisoners en route	200.00	
Coroner	200.00	
Rent of City Property	25,000.00	
Sales by Mayor	2,500.00	
Percentage on Railroad Franchises	55,000.00	
Rent of Desk Room—Recorder	600.00	
Commission on Poll Tax	17,400.00	
Commission on Personal Property	1,200.00	
School Apportionment	670,000.00	
Rents of School Property	96,000.00	
Advertising	7,000.00	
Miscellaneous	6,000.00	
Redemption of Property Sold to State	34,000.00	
		$2,682,100.00

TAX LEVY.

Estimated Expenditures and Revenue 1914-1915.

	Expenditure.	Receipts From Taxes.	Receipts Other Than Taxes.	Rate of Taxes.	Based on Val. $540,000,000.00
For the General Fund	$ 9,032,046.50	$7,115,946.50	$1,916,100.00	1.3257	$ 1.3257
For Firemen's Relief and Pension Fund	100,000.00	100,000.00		.0185	.0185
For Common School Fund	1,930,100.00	1,164,100.00	766,000.00	.2156	.2156
For Library Fund	98,000.00	98,000.00		.0181	.0181
For Park Improvement Fund	378,000.00	378,000.00		.0700	.0700
Total	$11,538,146.50	$8,856,046.50	$2,682,100.00		1.6479
The respective funds to redeem and pay the interest on bonds sold prior to Nov. 8, 1910					Based on Val. $600,000,000.00
Street Bonds—Redemption and Interest Fund 3½%—1904 Issue	55,340.00	55,340.00		.0092	
School Bonds—Redemption and Interest Fund 3½%—1904 Issue	96,086.00	96,086.00		.0160	
Jail Bonds—Redemption and Interest Fund 3½%—1904 Issue	21,054.00	21,054.00		.0035	
Library Bonds—Redemption and Interest Fund 3½%—1904 Issue	52,608.00	52,608.00		.0088	
Playgrounds Bonds—Redemption and Interest Fund 3½%—1904 Issue	37,925.00	37,925.00		.0063	
Park Bonds—Redemption and Interest Fund 3½%—1904 Issue	16,810.00	16,810.00		.0028	

Mission Park Bonds—Redemption and Interest Fund 3½%—1904 Issue	14,965.00	14,965.00	.0025	
Fire Protection Bonds—Redemption and Interest Funds 5%—1908 Issue	210,000.00	210,000.00	.0350	
Sewer Bonds—Redemption and Interest Funds 5%—1908 Issue	195,000.00	195,000.00	.0325	
School Bonds—Redemption and Interest Funds 5%—1908 Issue	255,200.00	255,200.00	.0425	
Hospital Bonds—Redemption and Interest Funds 5%—1908 Issue	106,400.00	106,400.00	.0176	
Hall of Justice Bonds—Redemption and Interest Funds 5%—1908 Issue	61,050.00	61,050.00	.0102	
Garbage Disposal Bonds—Redemption and Interest Funds 5%—1908 Issue	75,600.00	75,600.00	.0126	
Water Supply Redemption	102,250.00	102,250.00	.0171	.2166
Total	$1 1,300,288.00	$1,300,288.00		
For the respective funds to redeem and pay the interest on bonds sold since Nov. 8, 1910.				Based on Val. $540,000,000.00
Redemptions.				
Sewer Bond Funds of 1904, 3½%	175,000.00	175,000.00	.0324	
School Bond Funds of 1904, 3½%	84,000.00	84,000.00	.0156	
Hospital, 1908	41,200.00	41,200.00	.0076	
Hall of Justice, 1908	15,600.00	15,600.00	.0029	
Sewer, 1908	35,000.00	35,000.00	.0065	
Garbage	5,600.00	5,600.00	.0011	

TAX LEVY—Continued

Estimated Expenditures and Revenue 1914-1915—Continued

	Expenditure.	Receipts From Taxes.	Receipts Other Than Taxes.	Rate of Taxes.	Based on Val. $600,000,000.00
Exposition	200,000.00	200,000.00		.0371	
Polytechnic High	25,000.00	25,000.00		.0046	.1078
Total	$ 581,400.00	$ 581,400.00			
Interest.					
Street 1904—3½%	3,800.00	3,800.00		.0007	
School 1904—3½%	9,300.00	9,300.00		.0017	
Library 1904—3½%	8,200.00	8,200.00		.0015	
Hospital 1908—5%	25,300.00	25,300.00		.0047	
Fire Protection 1908	30,200.00	30,200.00		.0056	
Hall of Justice 1908—5%	13,000.00	13,000.00		.0024	
School 1908—5%	67,500.00	67,500.00		.0125	
Sewer 1908—5%	41,000.00	41,000.00		.0076	
City Hall 1908—5%	415,000.00	415,000.00		.0768	
Exposition 1908	178,000.00	178,000.00		.0329	
Polytechnic High School 1910	16,500.00	16,500.00		.0030	
Hetch Hetchy 1909	27,000.00	27,000.00		.0050	
Hospital and Jails	57,375.00	57,375.00		.0105	.1649
	892,175.00	892,175.00			
Grand Total	$14,312,009.50	$11,629,909.50		Total Tax Rate	$2.137

ABSTRACT OF ESTIMATED EXPENDITURES, 1914-1915.

General Government—	Salaries.	Expenses.	Total.
Legislative Department:			
Supervisors	$ 85,260.00	$ 109,515.00	$ 194,775.00
Board of Public Works (Administrative)	116,560.00	60,400.00	176,960.00
Civil Service Department	16,200.00	4,900.00	21,100.00
Board of Censors	600.00		600.00
Executive Department			
Mayor	17,400.00	6,202.50	23,602.50
Finance and Accounts:			
The Auditor	34,480.00	7,275.00	41,755.00
The Treasurer	27,700.00	2,500.00	30,200.00
Assessment and Revenue Dept.:			
Assessor's Department	99,200.00	7,750.00	106,950.00
Collections of Revenue:			
Tax Collector's Office	67,300.00	5,940.00	73,240.00
Law Offices.			
The City Attorney's Office	36,200.00	6,600.00	42,800.00
The District Attorney's Office	55,400.00	7,950.00	63,350.00
Department of Elections:			
General Office	24,200.00	63,250.00	
Office and District Registration		50,200.00	
Primary Election		36,180.00	
General Election		40,980.00	214,810.00

ABSTRACT OF ESTIMATED EXPENDITURES, 1914-1915—Continued

	Salaries.	Expenses.	Total.
Judicial Department:			
Justices' Court	28,800.00	950.00	29,750.00
Superior Court	51,000.00	35,520.00	86,520.00
Grand Jury Expenses	3,000.00	10,000.00	13,000.00
Jury Fees and Witness Expense		30,000.00	30,000.00
Examination and Caring for Insane	8,000.00	2,500.00	10,500.00
Police Courts	24,000.00	500.00	24,500.00
Law Library	4,800.00		4,800.00
Public Administrator		340.00	340.00
Couty Clerk	107,800.00	6,900.00	114,700.00
Coroner	23,980.00	2,800.00	26,780.00
Sheriff	102,800.00	48,900.00	151,700.00
Municipal Buildings	150,420.00	311,000.00	461,420.00
Protection to Life and Property—			
Department of Electricity	73,150.00	30,000.00	103,150.00
Fire Department (Including Water and Pensions)	1,396,573.00	489,827.00	1,886,400.00
Police Department	1,530,368.00	75,600.00	1,605,968.00
Recorder of Deeds	73,600.00	4,935.00	78,535.00
Sealer of Weights and Measures	5,700.00	1,960.00	7,660.00
Public Pound		12,000.00	12,000.00
Conservation of Health—			
Department of Health (Administration and Vital Statistics)	106,500.00	12,000.00	118,500.00
Turbercular Hospital	22,385.00	46,000.00	68,385.00
Isolation Hospital	14,964.00	13,000.00	27,964.00

Sanitation and Promotion of Cleanliness—			
Repairs to Sewers and Catch Basins	153,000.00	22,000.00	175,000.00
Garbage Disposal	23,300.00	5,000.00	28,300.00
Cleaning and Sweeping Streets	370,350.00	29,650.00	400,000.00
Special Sanitation		15,000.00	15,000.00
Highways and Streets—			
Special Funds for Improvements of Streets and Highways, etc.		758,000.00	758,000.00
Surveys and Resurveys		53,400.00	53,400.00
Repairs to Streets	343,240.00	163,600.00	506,840.00
Lighting Streets		415,000.00	415,000.00
Bridges	19,560.00		19,560.00
Municipal Water Works		2,700.00	2,700.00
Charities and Corrections—			
Maintenance of Minor Children		330,020.00	330,020.00
Widows' Pension Bureau	5,340.00	360.00	5,700.00
Burial of Indigent Dead and ex-Union Soldiers		6,500.00	6,500.00
Relief Home for Aged	64,680.00	127,000.00	191,680.00
City and County Hospital	60,000.00	78,000.00	138,000.00
Emergency Hospitals	78,092.00	14,300.00	92,392.00
Probation Officers (Juvenile)	27,420.00	2,400.00	29,820.00
Juvenile Detention Home	7,620.00	8,000.00	15,620.00
Education—			
Public Library	50,800.00	47,200.00	98,000.00
Common Schools (Not including repairs)	1,790,840.00	139,260.00	1,930,100.00

ABSTRACT OF ESTIMATED EXPENDITURES, 1914-1915—Continued

	Salaries.	Expenses.	Total.
Recreation—			
Parks—7% on $540,000,000.00		378,000.00	378,000.00
Playgrounds	37,000.00	45,300.00	82,300.00
Municipal Concerts and Entertainments		10,000.00	10,000.00
Celebrations		3,500.00	3,500.00
Bond Interest and Sinking Funds		2,773,863.00	2,773,863.00
Grand totals	$7,339,582.00	$6,972,427.50	$14,312,009.50

BUDGET CITY AND COUNTY OF SAN FRANCISCO, CAL.

FISCAL YEAR, 1914-1915.

BOARD OF SUPERVISORS.

Budget Item No.		
1	18 Supervisors at $2,400 each	$ 43,200
2	Clerk	4,200
3	Chief Assistant Clerk	3,000
4	Expert to Board	3,600
5	Bond and Ordinance Clerk	3,000
6	Superintendent of Supplies	3,000
7	3 Assistant Clerks at $2,100 each	6,300
8	Assistant Clerk, Stationery Department	1,920
9	2 Assistant Clerks at $1,800 each	3,600
10	Stenographer, Finance Committee	2,100
11	3 Assistant Clerks at $1,500 each	4,500
12	2 Stenographers at $1,200 each	2,400
13	Telephone Operator and Filing Clerk	1,200
14	Telephone Operator (Superior Courts)	1,200
15	Sergeant at Arms	1,440
16	Chauffeur	1,500
17	Finance Committee Expenses	10,000
18	Supplies Committee Expenses	3,000
19	Printing Public Documents, Municipal Reports, Law and Motion Calendar	23,000
20	Advertising	31,500
21	Interment U. S. Soldiers and Sailors	3,500
22	Maintenance, Public Pound	12,000
23	License Tags	1,500
24	Stationery, Books and Printing, and Purchase and Repair of Typewriters	45,000
25	Stationery for the Assessor	5,500
26	Maps for Tax Collector and Assessor	8,000
27	Rebinding Books	500
28	Furniture, Public Buildings	9,000
29	Investigation of Public Utilities	5,000
30	Celebration 4th of July	2,500
31	Observance Memorial Day	500
32	Grand Jury Expenses	3,000
33	Premium on Official Bonds	5,000
34	Urgent Necessities	90,000
35	Rents, Repair and Equipment of Buildings	76,500
36	Water for Municipal Purposes, Hydrants	132,000

BOARD OF SUPERVISORS—Continued

Budget Item No.		
37	Water for Buildings	23,000
38	Maintenance of Minors	178,000
39	Maintenance Widows' Pension Bureau	107,000
40	Maintenance of Magdalen Asylum	5,000
41	Maintenance State Schools, Preston and Whittier	10,000
42	Maintenance Feeble Minded Children	28,500
43	Maintenance Criminal Insane	3,000
44	For ordinary Lighting of Streets and Public Building	465,000
45	Purchase of Rights of Way	15,000
46	Examination of Insane Persons	8,000
47	Gasoline for City Automobiles	2,500
47a	For printing and distributing descriptive pamphlets setting forth the attractions of district around San Francisco Bay—material to be furnished by the Tourist Association—under the direction of the Publicity Committee	8,000
		$1,406,160

SPECIAL FUNDS

For Improvement of Highways and Streets, and Other Urgent Betterments. To be Expended Under the Direction of the Board of Supervisors.

48	San Bruno Avenue, additional	$ 25,000
49	Fulton St., Balboa Street and 14th Avenue	30,000
50	Buena Vista Park, for street work	12,500
51	City and County Good Roads Fund, for the improvement of Sloat Boulevard, Junipero Serra Boulevard and Corbett Road	50,000
52	Extension of Municipal Water Works	7,500
53	Furniture New City Hall	50,000
54	Clement Street, 33rd to 38th Avenue	10,000
55	Van Ness Avenue in front of Fort Mason	15,000
56	Library Site, Mission District	14,000
57	Library Site, Sunset District	7,500
		$221,500

To be Expended by the Board of Public Works Under the Direction of the Board of Supervisors.

58 For Paving, Repaving, Grading, Constructing and Repairs to Streets, for Construction of, Reconstruction of and Repairs to Sewers, and for Construction of and

SPECIAL FUNDS—Continued

Budget Item No.		
	Repairs to Public Buildings and other structures except school buildings and including the following items; Regrading Army street, $30,000; widening Fifteenth street at Beaver street, $1,500; coping Stanyan street, facing Golden Gate Park, between Fell and Frederick streets, $1,500; opening Nordhoff street, $500; improving of McKinley Square, $7,500; Library site, Noe Valley, $8,000; Oakdale avenue, $10,000; improvement triangle of Ocean View, $1,000; Library site, Golden Gate Valley, $7,500	$1,150,000
59	For Reconstruction and Equipment of Fire Department Buildings	95,000
60	For Plans, Specifications and Initial Construction of Juvenile Detention Home	50,000
61	For the Construction, Reconstruction, Fire Escapes, Repairs to and Equipment of School Department buildings	194,000
62	Purchase of additional land, Sherman School	6,000
63	Completion of Central Fire Alarm Station, Equipment and Moving	15,000
64	Department of Electricity Shop and Moving	20,000
65	For the Expense, Maintenance and Cleaning, Sprinkling and Sweeping Streets	360,000
66	Accident Insurance, City Employes	60,000
		$1,950,000

MAYOR.

67	Mayor	$ 6,000
68	Secretary	2,400
69	Assistant Secretary	2,100
70	Stenographer	1,500
71	Stenographer	1,200
72	Stenographer	900
73	Telephone Operator	1,020
74	Usher	900
75	Chauffeur	1,500
76	Contingent Expenses	3,600
77	Incidental Expenses	1,740
		$22,860

AUDITOR.

Budget Item No.		
78	Auditor	$ 4,000
79	Deputy Auditor	2,400
80	3 Assistant Deputies at $2,400 each	7,200
81	5 Assistant Deputies at $1,800 each	9,000
82	2 Assistant Deputies at $1,500 each	3,000
83	1 Stenographer Bond Clerk	1,500
84	1 Expert on Minors	1,500
85	2 Clerks at $1,200 each	2,400
86	1 Telephone Operator	1,020
87	Attorney's Fees	1,800
88	Extending Assessment Roll	5,000
89	Incidentals	400
		$39,220

ASSESSOR.

90	Assessor	$ 8,000
91	Chief Deputy	2,400
92	Cashier	1,800
93	8 Assistant Deputies, $1,800 each	14,400
94	18 Clerks at $1,200 each	21,600
95	Extra Clerks, Charter	40,000
96	Extra Clerks, Additional	6,000
97	Poll Tax Collectors	5,000
98	Field Deputies' Expenses	2,000
		$101,200

CORONER.

99	Coroner	4,000
100	Chief Deputy	2,400
101	Autopsy Physician	2,400
102	3 Assistant Deputies at $1,500 each	4,500
103	1 Stenographer	1,800
104	Assistant Stenographer and Typewriter	1,500
105	Toxicologist	1,200
106	Assistant Deputy and Driver	1,200
107	1 Female Deputy	1,200
108	Night Clerk Matron	900
109	Clerk Matron	900
110	Morgue Tender	1,080
111	Messenger	900
112	For Purchase of Ambulance	3,000
113	Coroner's Expenses	2,500
		$29,480

RECORDER.

Budget Item No.		
114	Recorder	$ 4,000
115	Chief Deputy	2,400
116	5 Assistants at $1,800 each	9,000
117	9 Clerks at $1,500 each	13,500
118	1 Messenger	1,200
119	1 Machinist	1,500
120	Copyists	40,000
		$71,600

TAX COLLECTOR.

121	Tax Collector	4,000
122	Chief Deputy	2,400
123	Cashier	2,400
124	15 Deputies at $1,500 each	22,500
125	3 Special Deputies at $1,800 each	5,400
126	2 Assistant Cashiers at $1,800 each	3,600
127	Expert Searcher	1,800
128	Accountant	2,400
129	4 Temporary Cashiers (2 months) at $150 each per month	1,200
130	1 Block Book Man	1,500
131	Acting Deputies, per Ordinance 821	12,500
132	Stenographer	1,380
133	Extra Clerks	6,220
134	Printing Delinquent Tax List	2,000
135	Incidentals and Transportation	700
		$70,000

TREASURER.

136	Treasurer	$ 4,000
137	Chief Deputy	2,400
138	Bank and Bond Deputy	3,000
139	2 Deputies at $1,800 each	3,600
140	1 Clerk	1,200
141	1 Coupon Clerk	1,800
142	1 Bookkeeper	2,100
143	1 Assistant Bookkeeper	1,800
144	Cashier	3,600
145	2 Clerks at $1,800 each	3,600
		$27,100

SUPERIOR COURTS.

Budget Item No.		
146	16 Judges at $3,000 each	$ 48,000
147	Secretary	3,000
148	Court Stenographer	20,000
149	Interpreters—5 Superior Court and 3 Police Court	9,600
150	Messenger	720
151	Court Orders	4,000
		$85,320

CITY ATTORNEY.

152	City Attorney	$ 5,000
153	2 Assistants at $3,600 each	7,200
154	4 Assistants at $3,000 each	12,000
155	1 Assistant	2,400
156	1 Assistant	1,800
157	1 Chief Clerk	1,800
158	1 Assistant Clerk	900
159	2 Stenographers at $1,200 each	2,400
160	2 Stenographer-Typewriters at $900 each	1,800
161	1 Messenger	900
162	For General Litigation	6,000
		$42,200

DISTRICT ATTORNEY.

163	District Attorney	$ 5,000
164	4 Assistants at $3,600 each	14,400
165	2 Assistants at $3,000 each	6,000
166	6 Assistants at $2,400 each	14,400
167	1 Warrant and Bond Clerk	2,400
168	1 Warrant and Bond Clerk	2,100
169	4 Assistant Warrant and Bond Clerks at $1,500 each	6,000
170	Chief Clerk	1,800
171	1 Assistant Clerk	1,200
172	1 Assistant Bookkeeper	1,200
173	1 Stenographer	1,800
174	1 Stenographer	900
175	1 Messenger	1,500
176	For extraordinary expenses of the District Attorney's Office, subject to orders of Court through the Board of Supervisors	6,000
		$64,700

COUNTY CLERK.

Budget Item No.		
177	County Clerk	$ 4,000
178	1 Chief Register Clerk	2,400
179	1 Cashier	1,800
180	5 Register Clerks at $1,800 each	9,000
181	10 Assistant Register Clerks at $1,500 each	15,000
182	16 Court Room Clerks at $1,500 each	24,000
183	16 Copyists at $1,200 each	19,200
184	6 Deputies at $1,200 each	7,200
185	15 Copyists at $1,200 each	18,000
186	4 Police Court Clerks at $1,500	6,000
187	1 Messenger	1,200
188	Jury and Witness Fees	28,000
189	Jury Expenses	1,500
		$137,300

JUSTICES' COURT.

190	5 Justices at $3,600	$ 18,000
191	1 Clerk	3,000
192	Cashier	1,800
193	Chief Deputy	1,800
194	2 Deputies at $1,500 each	3,000
195	1 Messenger	1,200
		$28,800

LAW LIBRARY.

196	Librarian	3,600
197	Messenger	1,200
		$4,800

JUVENILE DETENTION HOME.

198	Superintendent	$ 1,500
199	1 Assistant Superintendent	1,020
200	1 Night Assistant	1,020
201	1 Matron	1,020
202	1 Night Matron	600
203	2 Nurses at $600 each	1,200
204	1 Clinic Nurse	720
205	1 Cook	600
206	Maintenance	8,600
		$16,280

JUVENILE COURT.

Budget Item No.		
207	Chief Probation Officer	$ 2,700
208	1 Assistant Probation Officer	2,100
209	9 Assistants at $1,500 each	13,500
210	1 Assistant	1,200
211	1 Assistant	900
212	1 Clerk-Stenographer	1,500
213	1 Stenographer	1,200
214	1 Stenographer	1,080
215	1 Stenographer	720
216	1 Collector	1,320
217	1 Filing Clerk	600
218	1 Bookkeeper	1,080
219	Expenses	2,500
		$30,400

WIDOW'S PENSION BUREAU.

220	Director	1,800
221	Assistant Director	1,200
222	Social Service Nurse	1,080
223	Stenographer-Bookkeeper	960
224	Incidentals	300
		$5,340

SHERIFF.

225	Sheriff	$ 8,000
226	Under Sheriff	2,400
227	Attorney	1,800
228	Chief Bookkeeper	1,800
229	2 Assistant Bookkeepers at $1,500 each	3,000
230	13 Office Deputies at $1,500 each	19,500
231	18 Bailiffs at $1,200 each	21,600
232	1 Chief Jailer	1,800
233	10 Jailers at $1,200 each	12,000
234	1 Superintendent of Jails	1,800
235	16 Guards at $600, Jail No. 2	9,600
236	6 Guards at $600, Jail No. 3	3,600
237	6 Road Guards at $900	5,400
238	1 Matron	900
239	1 Commissary	1,500
240	1 Van Driver	900
241	1 Bookkeeper, all of Jails	1,500
242	1 Stenographer	1,200
243	1 Driver	900

SHERIFF—Continued

Budget Item No.		
244	2 Cooks at $900 each	1,800
245	1 Druggist	1,200
246	Subsistence of Prisoners	45,000
247	Sheriff's Expenses	2,500
248	For Installation of Gas Range	1,775
249	For Installation of Platform Scales	1,000
		$152,475

POLICE DEPARTMENT.

250	4 Commissioners at $1,200	$ 4,800
251	1 Secretary	1,500
252	1 Stenographer	1,800
253	1 Surgeon	1,500
254	1 Chief	4,000
255	1 Clerk	2,400
256	1 Property Clerk	2,400
257	1 Captain of Detectives	3,000
258	9 Captains at $2,400 each	21,600
259	18 Lieutenants at $1,920 each	34,560
260	25 Detective Sergeants at $1,800 each	45,000
261	53 Sergeants at $1,680 each	89,040
262	57 Corporals at $1,560 each	88,920
263	762 Patrolmen at $1,464 each	1,115,568
264	3 Police Protective Women at $1,200 each	3,600
265	26 Patrol Drivers at $1,200 each	31,200
266	4 Telephone Operators at $1,020 each	4,080
267	For Relief and Vacation of Telephone Operators	300
268	4 Matrons at $1,080 each	4,320
269	9 Hostlers at $1,140 each	10,260
270	1 Cook	1,200
271	2 Stenographers at $1,200 each	2,400
272	Confidential Clerk	2,400
273	Contingent Expenses	8,000
274	Maintenance of Police Patrol and Mounted Police	28,600
275	Police Miscellaneous—Photographic Supplies, Laundry, Fuel, etc.	3,000
276	Maintenance of Automobiles and Patrol Wagons	8,000
277	Subsistence of Prisoners	8,000
278	Maintenance of Motorcycles	2,500
278a	3 Engineers, Police Launch at $1,500	4,500
278b	Maintenance Police Launch	1,500
		$1,539,948

POLICE COURTS.

Budget Item No.			
279	4 Judges at $3,600 each	$	14,400
280	4 Stenographers at $2,400 each		9,600
			$24,000

CIVIL SERVICE COMMISSION.

281	3 Commissioners at $1,200 each	$	3,600
282	Expenses		12,500
283	Inspection		5,000
			$21,100

PLAYGROUND COMMISSION.

To be expended on the following Playgrounds: North Beach, Southside, Jackson, Excelsior, Hamilton, Bay View, Holly Park, Yerba Buena, Presidio, Marshall, McKinley, Spring Valley, California Women's Hospital Site.

284	Salaries and Administration	$	36,075
285	Equipment, Maintenance and Improvement		30,000
			$66,075
286	BOARD OF CENSORSHIP	$	600
287	MUNICIPAL BAND FOR OUTDOOR CONCERTS	$	10,000

SEALER OF WEIGHTS AND MEASURES.

288	Sealer	$	2,400
289	4 Assistants at $1,800 each		7,200
290	Transportation		1,440
291	Miscellaneous		300
			$11,340

BOARD OF PUBLIC WORKS.

292	3 Commissioners at $4,000 each	$	12,000
			$12,000
	General Office—		
293	1 Deputy Commissioner	$	3,000
294	1 Clerk		3,000
295	1 Clerk		2,400
296	1 Clerk		1,800
297	3 Stenographers at $1,500 each		4,500
298	1 Messenger		1,500
299	1 Chauffeur		1,500
300	2 Telephone Operators at $1,020 each		2,040
			$19,740

BOARD OF PUBLIC WORKS—Continued

Budget Item No.		
	Bookkeeping and Accounting—	
301	1 Bookkeeper	$ 3,300
302	1 Clerk	2,100
303	2 Clerks at $1,800 each	3,600
304	1 Clerk	1,500
305	1 Stenographer	1,680
306	1 Chief Time Keeper	1,800
307	2 Outside Time Keepers at $1,380 each	2,760
308	2 Time Keeper's Clerks at $1,200 each	2,400
309	1 Cashier	2,400
310	1 Clerk	1,800
311	1 Stenographer	1,500
		$24,840
	Building Inspection—	
312	1 Chief Inspector	$ 3,600
313	2 Inspectors at $2,100 each	4,200
314	7 Inspectors at $1,800 each	12,600
315	1 Boiler Inspector	1,800
316	1 Clerk-Stenographer	2,400
317	1 Clerk	1,800
318	1 Structural Engineer	2,400
319	1 Inspector House Numbers	2,100
		$30,900
	Storekeeper Department—	
320	1 Storekeeper	$ 2,100
321	1 Clerk	1,200
		$3,300
	Street Repair—	
322	1 Superintendent	$ 3,300
323	1 Assistant	2,400
324	1 Clerk	1,500
325	1 Stenographer	1,500
326	7 Engineers on Bridges at $1,560 each	10,920
327	8 Watchmen-Bridge Tenders at $1,080 each	8,640
		$28,260
	Sewer Repairs and Cleaning—	
328	1 Superintendent	$3,000

BOARD OF PUBLIC WORKS—Continued

Budget Item No.		
	Relief Various Departments—	
329	Relief Engineers	$2,500
330	Relief Watchmen	2,160
	Building Repairs and Maintenance—	
331	1 Superintendent	$ 3,000
332	1 Assistant Superintendent	2,400
333	1 Clerk	1,800
334	1 Stenographer-Clerk	1,500
335	1 Head Janitor	1,800
336	1 Assistant Head Janitor	1,380
337	36 Janitors and Janitresses (including new Morgue) at $1,080 each	38,880
338	2 Watchmen at $1,080 each	2,160
339	2 Chief Engineers at $2,100 each	4,200
340	5 Engineers at $1,500 each	7,500
341	13 Elevator Operators at $1,080 each	14,040
342	1 Elevator Starter	1,200
		$79,860
	Bureau of Architecture—	
343	3 Architects at $3,000 each	$ 9,000
344	1 Clerk	2,100
345	1 Stenographer	1,200
346	1 Chief Draftsman	3,000
347	1 Draftsman	960
348	1 Chief Inspector	3,000
349	1 Draftsman	1,800
350	1 Quantity Surveyor	1,980
		$23,040
	Bureau of Engineering—	
351	1 City Engineer	$ 15,000
352	1 Assistant City Engineer	4,800
353	1 Assistant Engineer	3,000
354	1 Surveyor's Field Assistant	2,100
355	1 Draftsman in charge of Records	1,800
356	1 Assistant Engineer	1,800
357	1 Assistant Engineer	1,500
358	1 Draftsman	1,500
359	1 Stenographer-Bookkeeper	1,500
360	For inspection of streets and sewers under contract	18,600
		$51,600

BOARD OF PUBLIC WORKS—Continued

Budget Item No.		
	Laboratory—	
361	1 Chemist	$ 2,100
362	1 Assistant Chemist	1,500
		$3,600
	Photostat and Blue Print Room—	
363	1 Operator	$ 1,800
	Inspection Complaints—	
364	1 Chief Deputy	$ 3,000
365	1 Clerk	2,400
366	1 Clerk	1,800
367	3 Inspectors at $2,100 each	6,300
368	2 Inspectors at $1,800 each	3,600
		$17,100
	Bureau of Surveys—	
369	1 Assistant Engineer in charge	$ 3,600
370	1 Surveyor	1,800
371	1 Draftsman	2,100
372	2 Draftsmen at $1,800 each	3,600
373	2 Field Assistants at $1,500 each	3,000
374	3 Draftsmen at $1,500 each	4,500
375	1 Field Assistant	1,500
376	1 Field Assistant	1,200
377	4 Surveyors at $1,800 each	7,200
378	2 Surveyor's Field Assistants at $1,500 each	3,000
379	12 Surveyor's Field Assistants at $1,200 each	14,400
380	2 Assistant Engineers at $2,100 each	4,200
381	1 Stenographer	1,500
382	1 Assistant Engineer	2,100
		$53,700
	Garbage Disposal Plant No. 1—	
383	1 Chief Engineer	$ 2,100
384	2 Engineers at $1,500 each	3,000
385	6 Stokers at $1,200 each	7,200
386	Laborers at $3 per day	8,600
387	2 Clerks at $960 each	1,920
		$22,820

BOARD OF PUBLIC WORKS—Continued

Budget Item No.		
	Miscellaneous—	
388	Maintenance Municipal Water Works	$ 2,700
389	Transportation, Buggies or Auto Rental	10,860
390	Car Fare	2,400
391	Automobile Maintenance	2,500
392	Supplies and Maintenance, including Janitor's supplies, fuel oil, electric power, engineer's sundries, lamps, etc., Repair and upkeep of Elevators and Engines	13,000
393	General Supplies	2,500
394	Bureau of Engineering Supplies	5,000
395	Fuel Oil and Suppies Photastat Room	3,000
396	Fuel Oil and Maintenance, Garbage Disposal Plant	5,000
397	2 Autos, Timekeeping Department, not to exceed $600 each	1,200
398	1 Five Passenger Automobile, not to exceed in cost	2,150
399	1 Automobile Runabout for Engineers' Department, not to exceed	600
		$50,910
	Bureau of Light and Water Inspection—	
400	1 Light and Water Inspector	$ 2,100
401	1 Assistant Light and Water Inspector	1,680
		$3,780

HEALTH DEPARTMENT.

	General Office—	
402	Health Officer	$ 3,600
403	Chief Clerk	2,700
404	Bookkeeper-Auditor	2,400
405	Mortuary Clerk	1,500
406	Birth Registry Clerk	1,500
407	Sanitation Clerk	1,920
408	Complaint Clerk	1,080
409	Auditor's Clerk	1,080
410	Filing Clerk	960
411	Stenographer	1,200
412	2 Stenographers at $1,080 each	2,160
413	Telephone Operator	1,020
414	City Physician	2,400
415	Health Department Expenses	13,000
416	Relief for Vacations for Nurses, Drivers and others	2,100
417	Burial of Indigent Dead	4,000
		$42,620

HEALTH DEPARTMENT—Continued

Budget Item No.		
	Inspectors—	
418	Chief	$ 3,000
419	4 Sanitary Inspectors at $1,800 each	7,200
420	3 Industrial Inspectors at $1,500 each	4,500
421	1 Chief Plumbing Inspector	2,100
422	5 Plumbing Inspectors at $1,800 each	9,000
423	4 Veterinary Meat Inspectors at $1,620 each	6,480
424	13 Market Inspectors at $1,500 each	19,500
425	2 Dairy Veterinarians at $1,800 each	3,600
426	2 Dairy Inspectors at $1,500 each	3,000
427	2 Food Inspectors at $1,440 each	2,880
428	2 Disinfectors at $1,500 each	3,000
429	1 Medical School Inspector	1,800
430	2 Medical School Inspectors at $1,200 each	2,400
431	14 Health Inspectors of School at $900 each	12,600
432	2 Tenement House Inspectors at $1,500 each	3,000
433	1 Inspector of Indigents	1,200
		$85,260
	Laboratory—	
434	Director of Laboratories	$ 3,600
435	1 Bacteriologist	900
436	1 Helper	720
437	2 Chemists at $1500 each	3,000
438	1 Helper	900
438a	1 Assistant Bacteriologist	1,500
		$ 10,620
	San Francisco Hospital—	
439	Resident Physician	$ 1,500
440	15 Internes at $300 each	4,500
441	1 Commissary Clerk	1,800
442	1 Secretary	1,800
443	1 Ambulance Driver	1,200
444	1 Watchman	900
445	1 Superintendent of Nurses	1,200
446	1 Assistant Superintendent of Nurses	900
447	1 Operating Room Nurse	1,080
448	4 Graduate Nurses at $720 each	2,880
449	1 Night Superintendent	840

HEALTH DEPARTMENT—Continued

Budget Item No.		
450	42 Pupil Nurses at $144 each	6,048
451	12 Orderlies at $360 each	4,320
452	1 Druggist	1,500
453	1 Druggist Helper	600
454	1 Telephone Operator	780
455	1 Receiving Clerk	1,200
456	1 Night Telephone Operator	540
457	1 X-Ray Operator	480
458	1 Watchman-Storekeeper	960
459	1 Surgical Dresser	1,200
460	1 Teamster	960
461	3 Elevator Men at $720 each	2,160
462	1 Chief Cook	1,200
463	1 Butcher-Cook	1,200
464	1 Cook	1,080
465	3 Waiters at $672 each	2,016
466	1 Relief Waiter	420
467	1 Seamstress	600
468	1 Housekeeper	480
469	10 Kitchen Helpers at $240 each	2,400
470	12 Orderlies at $240 each	2,880
471	10 Pantrymen at $240 each	2,400
472	10 Wardmen at $120 each	1,200
473	20 Porters at $240 each	4,800
474	1 Ironer	420
475	1 Anaesthetist	900
476	Maintenance	85,000
477	For additional expenses for maintaining new Hospital if opened during fiscal year	20,000
		$166,344

Tubercular Hospital—

478	1 Resident Physician	$ 1,800
479	1 Interne	600
480	I Interne	480
481	1 Gateman	720
482	3 Graduate Nurses at $900 each	2,700
483	1 Commissary Clerk	1,200
484	1 Telephone Operator	720
485	1 Chambermaid	420

HEALTH DEPARTMENT—Continued

Budget Item No.		
486	2 Practical Nurses at $360 each	720
487	1 Superintendent of Nurses	1,080
488	4 Yardmen at $192 each	768
489	1 Waiter	672
490	5 Waiters at $144 each	720
491	1 Cook	1,200
492	1 Assistant Cook	1,080
493	10 Pupil Nurses at $144 each	1,440
494	12 Orderlies at $230 each	2,760
495	5 Pantrymen at $216 each	1,080
496	10 Helpers at $200 each	2,000
497	1 Mattress Maker	240
498	1 Morgue Tender	240
499	9 Wardmen at $120 each	1,080
500	1 Seamstress	120
501	Maintenance	51,000
		$74,840

Isolation Hospital—

502	Resident Physician	$ 2,400
503	1 Stenographer-Bookkeeper	1,080
504	1 Male Nurse	1,080
505	3 Graduate Nurses at $900 each	2,700
506	2 Cooks at $1,080 each	2,160
507	6 Pupil Nurses at $144 each	864
508	1 Night Watchmen	720
509	2 Day Watchmen at $960 each	1,920
510	4 Ward Women at $420 each	1,680
511	6 Helpers at $120 each	720
512	2 Laundry Women at $420 each	840
513	Maintenance	13,740
514	For additional Nurses in case of Emergency	1,000
		$30,904

Emergency Hospital—

515	Chief Surgeon	$ 2,400
516	1 Chief Steward	2,100
517	1 Clerk-Stenographer	960
518	15 Assistant Surgeons at $1,320 each	19,800
519	21 Stewards at $1,080 each	22,680
520	6 Nurses at $960 each	5,760

HEALTH DEPARTMENT—Continued

Budget Item No.		
521	3 Matrons at $840 each	2,520
522	3 Pupil Nurses at $144 each	432
523	1 Seamstress	720
524	15 Drivers at $1,200 each	18,000
525	Maintenance	14,850
		$90,222
	Relief Home—	
526	Superintendent	$ 3,600
527	1 Clerk	1,620
528	1 Stenographer	1,080
529	2 Physicians at $1,620 each	3,240
530	1 Head Nurse	900
531	1 Nurse	840
532	1 Night Nurse	780
533	3 Nurses at 720 each	2,160
534	1 Steward	1,380
535	1 Steward	1,320
536	1 Steward	960
537	1 Steward	900
538	1 Steward	780
539	1 Steward	720
540	1 Head Matron	1,020
541	2 Matrons at $780 each	1,560
542	1 Ambulance Driver	960
543	1 Warehouse Man	1,200
544	1 Plumber	1,800
545	1 Foreman	960
546	2 Watchmen at $780 each	1,560
547	1 Farmer	1,200
548	1 Engineer	1,680
549	1 Assistant Engineer	1,380
550	1 Butcher	1,200
551	1 Gardener	960
552	2 Teamsters at $960 each	1,920
553	Cooks, number required	5,640
554	Laundrymen, number required	2,160
555	Laundresses, number required	1,440
556	1 Pantryman	720
557	1 Orderly	480
558	2 Seamstresses at $600 each	1,200

HEALTH DEPARTMENT—Continued

Budget Item No.		
559	1 Milker	600
560	Inmate Labor	16,000
561	Maintenance	136,000
		$201,920

For Additional Equipment for Health Service—

563	2 Motor Ambulances, Emergency Hospitals	$ 6,000
564	1 Motor Ambulance, Isolation Hospital	3,000
565	1 Microscope, Laboratories	650
566	2 Auto Runabouts for Dairy Inspectors	1,200
567	1 Sterilizer and Instrument Table for Emergency Hospital	540
568	For purchase of Cows for Relief Home	2,500
		$13,890
569	For special Emergency Sanitary Measures to be expended by the Board of Health and the United States Marine Hospital Service, under the direction of the Board of Supervisors	$ 15,000

FIRE DEPARTMENT.

571	4 Commissioners at $1,200 each	$ 4,800
572	Secretary	2,400
573	Physician	1,800
574	Stenographer	1,800
575	Chief Engineer	5,000
576	First Assistant Chief	3,600
577	Second Assistant Chief	3,000
578	11 Battalion Chiefs at $2,700 each	29,700
579	13 Operators at $1,500 each	19,500
580	46 Engine Companies	767,550
581	2 Relief Companies	8,040
582	13 Chemical Engine Companies	83,700
583	12 Truck Companies	213,290
584	2 Fire Boats	76,000
585	3 Monitors	4,245
586	2 Water Towers	12,900
587	New Companies	26,000
		$1,263,325

FIRE DEPARTMENT—Continued

Budget Item No.			
		Corporation Yard—	
588	1	Superintendent of Engines	$ 2,700
589	1	Clerk and Commissary	1,800
590	1	Night Watchman	1,200
591	5	Watchmen at $1,200 each	6,000
592	3	Draymen at $1,200 each	3,600
593	8	Machinists at $4.50 per day	11,232
594	1	Foreman, Wagon and Carriage Shop	1,560
595	5	Blacksmiths at $4.50 per day	7,020
596	5	Blacksmiths' Helpers at $3.75 per day	5,850
597	1	Woodworker at $4.50 per day	1,404
598	1	Pattern Maker at $5.25 per day	1,638
599	1	Brass Finisher at $4.50 per day	1,404
600	2	Boiler Makers at $4.50 per day	2,808
601	2	Boiler Makers' Helpers at $3.25 per day	2,034
602	1	Steam Fitter at $6.00 per day	1,872
603	1	Foreman Painter at $5.00 per day	1,560
604	3	Carriage Painters at $4.50 per day	4,212
605	1	Foreman Harness Maker at $5.00 per day	1,560
606	3	Harness Makers at $4.25 per day	3,978
607	4	Horseshoers at $5.00 per day	6,240
608	7	Hydrantmen at $1,200 each	8,400
609	1	Superintendent of Stables	1,860
610	1	Veterinarian	1,200
611	8	Hostlers at $1,200 each	9,600
			$ 90,732
		Auxiliary Fire Protection—	
		Pumping Station Nos. 1 and 2.	
612	2	Chief Engineers at $2,100 each	$ 4,200
613	5	Assistant Engineers at $1,500 each	7,500
614	7	Firemen at $1,200 each	8,400
			$ 20,100
		Distributing System—	
615	1	Superintendent	$ 2,400
616	1	Foreman Gateman	1,500
617	5	Gatemen at $1,200 each	6,000
618	3	Laborers at $3.00 per day	2,817
619	1	Caulkers at $4.50 per day	1,404
620	1	Keeper Twin Peaks and Ashbury Reservoirs	1,440
			$15,561

FIRE DEPARTMENT—Continued

Budget Item No.		
621	Fire Department Maintenance	$ 170,000
622	For purchase of Fire Fighting Apparatus and Hose	80,000
		$250,000
	Fire Department Total	$1,639,718

DEPARTMENT OF ELECTRICITY.

624	1 Chief	$ 3,000
625	1 Secretary-Bookkeeper	2,100
626	1 Stenographer	1,320
627	1 Messenger	1,020
628	1 Chief Inspector	1,800
629	6 Inspectors at $1,500 each	9,000
630	1 Inspector Aero Construction	1,500
631	1 Clerk	1,200
632	1 Chief Operator	1,800
633	7 Operators at $1,500 each	10,500
634	4 Telephone Operators at $1,020 each	4,080
635	For Vacation and Relief of Telephone Operators	300
636	1 Foreman Machine Shop	1,620
637	3 Instrument Makers at $1,350 each	4,050
638	1 Machinist	1,350
639	1 Painter	1,350
640	1 Assistant Chief, Construction Department	2,400
641	1 Foreman Lineman	1,500
642	1 Cable Splicer	1,716
643	1 Batteryman	1,500
644	1 Storekeeper	1,200
645	1 Hostler	1,200
646	12 Linemen at $1,350 each	16,200
647	1 Repairer	1,380
648	Laborers	2,160
649	Maintenance, Extension and Equipment	35,000
		$110,246

DEPARTMENT OF ELECTIONS.

650	General Elections	$ 221,000
651	Special Elections	50,000
		$271,000

DEPARTMENT OF ELECTIONS—Continued

Budget Item No.		
652	Relief of Exempt Firemen	$ 5,000.00
653	Widber Deficiency	$ 7,000.16
654	For Legal Expenses connected with the Condemnation of Spring Valley Water System for Municipal Water Supply	$65,000.00
	Total General Fund	$9,444,292.16
655	Firemen's Relief Pension Fund	$ 100,000

COMMON SCHOOL FUND.

656	4 Commissioners at $3,000 each	$ 12,000
657	1 Superintendent	4,000
658	4 Deputies at $3,000 each	12,000
658a	Stenographer-Clerk to Superintendent of Schools	1,500
659	1 Secretary	1,800
660	1 Financial Secretary	2,160
661	2 Recording Secretaries at $1,020 each	2,040
662	3 Stenographers at $1,200 each	3,600
663	1 Telephone Operator	1,020
664	2 Messengers at $960 each	1,920
665	1 Storekeeper	1,800
666	1 Assistant Storekeeper	960
667	1 Superintendent of Buildings	2,100
668	1 Clerk (Gas and Water Inspection)	1,500
669	1 Bookkeeper, Supply Department	1,500
670	1 Chauffeur	1,500
671	Teachers' Salaries	1,606,000
672	New Teachers	36,000
673	New High School Teachers	7,500
674	Janitorial Salaries	112,800
675	Rents	3,000
676	Labor	15,000
677	Teachers' Institute	500
678	Lecture Bureau	2,500
679	Maintenance	125,000
680	Incidental Fund, to be expended under the direction of the President of the Board of Education	1,000
681	Scavenger Service	4,000
682	School Athletics	7,000

COMMON SCHOOL FUND—Continued

Budget Item No.		
683	Social Center	5,000
683a	For Kindergartens	3,500
		$1,980,200
684	Library Fund	$ 97,000
685	Park Fund	$ 375,200
686	Bond Interest and Redemption	$2,919,773
	Grand Total	$14,916,465.16

J. S. DUNNIGAN, Clerk.

Approved, June 9, 1914.

JAMES ROLPH, JR., Mayor.

REPORT OF LICENSES ISSUED BY THE TAX COLLECTOR FOR THE FISCAL YEAR 1913-1914

	No. of	Amount
Agents	98	$ 987.50
Apartment and Lodgings	4,062	12,365.00
Assayers	33	345.00
Auctioneers	179	1,229.00
Ball and Ring Games	17	85.00
Base Ball Games	4	300.00
Bath Houses	254	1,094.00
Billiard and Pool Tables	5,524	22,096.00
Bill Posters	25	2,045.00
Bowling Alleys	186	930.00
Boxing	15	8,375.00
Brokers, including Pawnbrokers	2,313	20,814.00
Carpet Beaters	43	430.00
Circus	10	1,010.00
Concealed Weapons	68	204.00
Concerts	42	210.00
Concert Halls	6	706.00
Cycleries	4	16.00
Dances	43	430.00
Dance Halls	56	4,200.00
Detective Agents	64	960.00
Dog Tags	3,911	7,822.00
Dog Tags Duplicate	316	158.00
Drivers' Badges	260	260.00
Dyeing and Cleaning	58	412.00
Exhibitions	30	155.00
Electrical Fixture Men	12	1,200.00
Electrician Master	144	1,480.00
Gas Regulators	7	70.00
Gratuitous	390	
Guides, Chinatown	77	770.00
Guides' Badges	4	10.00
Hotels	2,360	9,338.00
House Raising or Moving	10	250.00
Intelligence Offices	271	4,336.00
Junk and Second-Hand Dealers	1,331	2,293.00
Kinetoscopes	338	8,450.00
Laundries	1,022	6,780.00
Light and Power Companies	4	8.00
Liquor, Retail	8,389	1,048,625.00
Liquor, One Day	522	5,220.00

LICENSES ISSUED BY THE TAX COLLECTOR—Continued

	No. of	Amount
Livery Stables	385	$ 1,540.00
Merry-Go-Rounds	16	160.00
Nickel in Slot, Mechanical	658	658.00
Nickel in Slot, Merchandise	150	300.00
Peddlers	1,571	9,426.00
Restaurants	4,399	15,237.00
Riding Academies	9	36.00
Runners and Solicitors	182	1,820.00
Shooting Galleries	57	427.50
Skating Rinks	5	100.00
Slaughter Houses	186	3,021.00
Theatres	23	5,748.00
Towel Companies	32	196.00
Transfer and Delivery	278	1,405.00
Vehicles, Auto, Passenger	508	1,701.00
Vehicles, Auto, Merchandise	810	3,949.00
Vehicles, Cabs and Hacks	88	230.50
Vehicles, Oridnary	10,366	23,833.25
Vehicles, Street Car	2,754	10,327.50
Warehouses	136	1,955.00
Water Companies	13	1,022.00
	55,128	$1,259,561.25

VALUE OF PROPERTY IN, AND INDEBTEDNESS OF, EACH COUNTY FOR THE PANAMA-PACIFIC

COUNTIES.	Classification.	Value of Real Estate.	Value of Improvements on Real Estate.	Value of Personal Property.	Money and Solvent Credits.	Value of Non-Operative Property.
Alameda	3d class	$146,022,435	$61,424,525	$20,053,226	$1,479,378	$228,979,564
Alpine	58th "	327,766	78,185	55,908	.....	461,859
Amador	41st "	3,299,740	1,601,487	628,081	880	5,530,188
Butte	19th "	11,775,760	4,921,585	3,364,119	64,279	20,125,743
Calaveras	40th "	4,490,060	1,819,280	781,410	12,650	7,103,400
Colusa	44th "	11,063,465	1,587,380	1,579,532	58,800	14,289,177
Contra Costa	16th "	26,962,640	11,165,515	7,526,255	154,045	45,808,455
Del Norte	56th "	4,514,321	240,620	312,188	625	5,067,754
El Dorado	45th "	3,886,522	1,173,055	894,035	1,825	5,955,437
Fresno	5th "	52,874,400	17,076,835	12,503,080	224,131	82,678,446
Glenn	46th "	12,486,857	1,330,660	1,834,931	25,815	15,678,263
Humboldt	15th "	24,811,985	4,250,145	2,965,722	161,969	32,189,821
Imperial	36th "	16,489,075	2,076,198	2,984,884	.....	21,550,157
Inyo	47th "	5,514,890	1,322,895	1,020,830	8,270	7,866,885
Kern	11th "	43,235,810	10,716,515	16,217,408	25,510	70,195,243
Kings	32d "	8,717,175	2,214,030	2,502,615	16,450	13,450,270
Lake	50th "	3,337,016	916,105	487,300	48,892	4,789,313
Lassen	52d "	4,795,121	789,494	1,658,270	51,335	7,294,220
Los Angeles	1st "	438,864,885	163,498,305	78,716,520	11,085,739	692,165,449
Madera	42d "	10,861,910	1,072,370	1,393,880	1,100	13,329,260
Marin	22d "	13,455,590	6,016,465	1,675,545	8,235	21,155,835
Mariposa	54th "	2,278,412	472,621	505,916	1,150	3,258,099
Mendocino	24th "	11,375,460	2,232,169	2,289,709	24,110	15,921,448
Merced	33d "	15,803,135	3,099,010	2,783,165	.....	21,685,310
Modoc	49th "	4,508,821	972,615	1,853,389	71,516	7,406,341
Mono	57th "	608,535	165,590	335,955	2,145	1,112,225
Monterey	23d "	19,228,679	4,781,783	3,579,828	14,626	27,604,916
Napa	26th "	8,179,060	5,425,015	2,569,110	31,185	16,204,370
Nevada	34th "	3,071,700	2,546,160	823,820	16,260	6,457,940
Orange	14th "	29,318,265	8,318,610	10,093,835	37,115	47,767,825
Placer	31st "	5,443,815	2,719,890	787,755	24,170	8,975,630
Plumas	51st "	4,975,362	670,115	753,009	6,145	6,404,631
Riverside	13th "	17,508,200	7,178,385	2,501,675	1,200	27,189,460
Sacramento	6th "	51,481,596	19,527,000	7,764,080	449,340	82,222,016
San Benito	43d "	5,499,185	1,520,140	1,260,930	.....	8,280,255
San Bernardino	8th "	24,473,380	13,283,060	2,609,426	54,305	40,420,171
San Diego	7th "	52,181,197	10,288,245	6,549,091	265,038	69,283,571
San Francisco	2d "	304,579,974	165,394,837	53,393,555	18,423,097	541,791,463
San Joaquin	9th "	36,504,755	13,866,830	6,345,626	158,691	56,875,902
San Luis Obispo	27th "	9,824,920	3,478,729	4,998,513	36,704	18,338,866
San Mateo	20th "	19,979,220	8,287,690	1,633,210	425,355	30,325,475
Santa Barbara	17th "	16,478,980	7,273,365	5,396,601	8,240	29,157,186
Santa Clara	4th "	43,041,385	22,842,390	5,941,205	252,400	72,077,380
Santa Cruz	21st "	11,081,665	5,576,965	2,140,990	12,840	18,812,460
Shasta	28th "	8,615,540	2,313,355	1,428,460	.....	12,357,355
Sierra	53d "	1,495,945	489,275	221,675	2,810	2,209,705
Siskiyou	29th "	11,822,170	2,460,390	2,848,535	85,258	17,216,353
Solano	18th "	14,660,567	5,823,380	2,560,525	22,159	23,066,631
Sonoma	10th "	21,258,235	10,751,495	4,941,965	20,615	36,972,310
Stanislaus	25th "	18,417,480	5,580,920	3,700,575	116,580	27,815,555
Sutter	48th "	9,026,090	1,160,210	1,147,790	21,575	11,355,665
Tehama	37th "	8,882,930	2,426,910	2,302,190	102,090	13,714,120
Trinity	55th "	2,438,109	311,851	356,080	9,060	3,115,100
Tulare	12th "	28,143,410	8,098,860	4,551,260	64,255	40,857,785
Tuolumne	39th "	5,337,980	2,273,405	934,345	10,090	8,555,820
Ventura	30th "	21,454,646	3,302,460	2,617,433	3,500	27,378,039
Yolo	35th "	15,556,390	3,248,910	2,260,080	170,201	21,235,581
Yuba	38th "	4,275,790	1,768,615	1,925,075	4,335	7,973,815
Totals		$1,719,598,406	$655,222,899	$317,862,120	$34,378,088	$2,727,061,513

NOTE:—Where two rates of taxation are given, the lesser rate is that levied upon property

YEAR 1914, AND RATE OF TAXATION (STATE RATE .039 CENTS FOR EXPOSITION PURPOSES).

Value of Property Assessed on Operative Roll.	Total Value of Property as Returned by Auditors.	Value of Railroads as Assessed by State Board of Equalization.	Grand Total of All Property.	Funded Debt.	Floating Debt with Estimated Interest.	Total County Indebtedness.	Total State and County Rate of Taxation each $100.
$18,571,923	$247,551,487	$5,200,487	$252,751,974	.....	.....	.....	$ .84—$1.24
88,500	550;359	.....	550,359	.....	$10,498 71	$10,498 71	1.90
551,421	6,081,609	217,671	6,299,280	.....	.....	.....	1.65—2.00
2,309,343	22,435,086	2,812,069	25,247,155	.....	.....	.....	1.78—2.20
483,835	7,587,235	422,775	8,010,010	.....	.....	.....	1.45—1.85
355,215	14,644,392	1,018,158	15,662,550	$200,000	42,000 00	242,000.00	1.30—1.80
2,093,528	47,901,983	4,302,947	52,204,930	161,000	.....	161,000 00	1.20—1.60
11,050	5,078,804	.....	5,078,804	.....	.....	.....	1.30—1.90
330,899	6,286,336	817,832	7,104,168	120,000	.....	120,000 00	1.90—2.30
5,573,958	88,252,404	8,315,414	96,567,818	.....	.....	.....	1.10—1.50
302,612	15,980,875	1,595,524	17,576,399	450,000	.....	450,000 00	1.50—1.90
1,604,146	33,793,967	.....	33,793,967	.....	.....	.....	1.60—2.10
1,342,054	22,892,211	2,865,618	25,757,829	.....	.....	.....	1.30—1.90
1,251,790	9,118,675	3,114,789	12,233,464	42,000	.....	42,000 00	1.00—1.30
6,548,313	76,743,556	8,604,004	85,347,560	2,997,000	.....	2,997,000 00	.95—1.30
484,383	13,934,653	2,303,339	16,237,992	.....	.....	.....	1.20—1.80
13,420	4,802,733	.....	4,802,733	27,000	.....	27,000 00	1.44—2.00
114,541	7,408,761	1,928,016	9,336,777	.....	.....	.....	1.30—1.70
146,569,418	838,734,867	11,256,728	849,991,595	3,500,000	.....	3,500,000 00	.85—1.25
581,690	13,910,950	1,843,841	15,754,791	.....	.....	.....	1.95—2.30
813,670	21,969,505	1,491,005	23,460,510	.....	.....	.....	1.15—1.45
22,068	3,280,167	362,950	3,643,117	.....	.....	.....	1.85
667,761	16,589,209	1,790,838	18,380,047	62,500	13,121 95	75,621 95	2.15—2.75
432,175	22,117,485	3,459,447	25,576,932	30,000	.....	30,000 00	1.30—1.90
352,124	7,758,465	213,808	7,972,273	.....	.....	.....	1.80—2.15
55,150	1,167,375	663,956	1,831,331	.....	.....	.....	3.00
1,030,737	28,635,653	3,727,610	32,363,263	49,000	.....	49,000 00	1.37—1.97
608,771	16,813,141	1,812,099	18,625,240	.....	.....	.....	
932,945	7,390,885	836,083	8,226,968	.....	.....	.....	1.90—2.40
3,301,390	51,069,215	3,477,736	54,546,951	1,414,000	.....	1,414,000 00	1.05—1.45
1,333,205	10,308,835	2,401,653	12,710,488	3,000	.....	3,000 00	1.75—2.15
932,416	7,337,047	2,061,764	9,398,811	135,100	.....	135,100 00	1.60
993,310	28,182,770	5,822,807	34,005,577	1,270,000	.....	1,270,000 00	1.65—2.25
7,422,310	89,644,326	3,819,731	93,464,057	1,485,000	66,825 00	1,551,825 00	1.414-1.86
298,185	8,578,440	512,760	9,091,200	304,000	.....	304,000 00	2.70—2.90
4,379,851	44,800,022	18,545,000	63,345,022	.....	.....	.....	1.43—2.00
3,929,388	73,212,959	2,653,770	75,866,729	1,126,000	.....	1,126,000 00	1.19—1.85
105,313,071	647,104,534	351,491	647,456,025	39,865,800	.....	39,865,800 00	2.289
3,763,086	60,638,988	5,729,976	66,368,964	1,750,000	.....	1,750,000 00	1.45—1.85
685,506	19,024,372	2,132,982	21,157,354	74,000	3,700 00	77 700 00	1.62—2.22
1,075,750	31,401,225	1,064,246	32,465,471	988,000	.....	988,000 00	1.50—2.10
1,824,628	30,981,814	3,515,013	34,496,827	.....	.....	.....	1.60—2.00
6,341,210	78,418,590	2,589,741	81,008,331	300,000	.....	300,000 00	1.15—1.56
988,350	19,800,810	1,334,223	21,135,033	.....	.....	.....	1.50—2.10
1,175,030	13,532,385	1,653,034	15,185,419	.....	.....	.....	2.15—2.55
68,760	2,278,465	116,757	2,395,222	.....	.....	.....	1.50—2.00
832,941	18,049,294	3,106,496	21,155,790	.....	.....	.....	1.35—1.75
1,009,767	24,076,398	2,285,598	26,361,996	210,000	.....	210,000 00	1.45—1.85
1,619,205	38,591,515	3,246,325	41,837,840	262,000	.....	262,000 00	1.30—1.70
1,092,435	28,907,990	2,935,496	31,843,486	.....	.....	.....	1.10—1.60
288,929	11,644,594	1,625,106	13,269,700	.....	.....	.....	1.90—2.25
746,885	14,461,005	1,318,188	15,779,193	.....	.....	.....	2.40—2.80
51,300	3,166,400	.....	3,166,400	.....	.....	.....	2.50
1,998,660	42,856,445	5,983,942	48,840,387	.....	.....	.....	1.05—1.65
1,067,600	9,623,420	487,257	10,110,677	.....	.....	.....	1.33—1.93
617,090	27,996,129	2,976,491	30,971,620	392,000	.....	392,000 00	1.46—1.76
666,900	21,902,481	2,719,170	24,621,651	.....	.....	.....	1.30—1.90
920,560	8,894,378	1,305,720	10,200,095	.....	.....	.....	3.00—3.40
$348,835,158	$3,075,896,671	$156,749,481	$3,232,646,152	$57,217,400	$136,145 66	$57,353,545 66	

situate within the limits of incorporated cities or towns, such property being exempt from road tax.

Moving Picture Censor Board

September 29th, 1914.

To the Honorable James Rolph, Jr.,
Mayor, City and County of San Francisco.

Dear Sir:—In accordance with the charter provisions of the City and County of San Francisco, the Moving Picture Censor Board herewith presents its report for the past fiscal year.

The Board has held regular meetings on the first Monday of each month during the past year, with such extra meetings as were deemed necessary.

There is a feeling that the type of pictures has improved materially, and it is with great pleasure that the Board is able to report an increased spirit of co-operation on the part of the majority of moving picture exhibitors. This is evidenced by frequent requests for a review of films before their release, and the ready agreement to such revisions as are suggested.

The most serious difficulty experienced by the Board during the past year has been in regard to films depicting the so-called white slave traffic in its many angles. Pictures of this type are regarded by the Board as harmful, and every effort has been made to have as few of these shown as possible.

The total number of films reviewed during the year was two thousand and twenty-three. Of this number nine were condemned and fifteen revised.

Very truly yours,

MOVING PICTURE CENSOR BOARD.
Per MARY ASHE MILLER, Secretary.

Department of Elections Report

Department of Elections, City Hall,
San Francisco, July 22, 1914.

Hon. James Rolph, Jr.,
Mayor, City and County of San Francisco.

Sir:—In compliance with Section 9, Article XVI of the Charter of the City and County of San Francisco, the Board of Election Commissioners presents herewith their annual report for the fiscal year ending June 30th, 1914.

The report includes a financial statement of this department, together with a statement of the registration for the years 1912-1913 by Assembly Districts; also the political affiliations of voters for the years 1913-1914; also statement showing the nativity of electors registered during 1913-1914, and a complete statement of votes cast at the elections held August 26, 1913; September 30, 1913, and November 11, 1913.

WILLIAM McDEVITT, President,
THOMAS V. CATOR,
JOHN HERMANN,
JAMES K. PRIOR, Jr.,
CHARLES J. COLLINS,
Board of Election Commissioners.

J. H. ZEMANSKY,
Registrar of Voters and Secretary of Board of Election Commissioners.

FINANCIAL STATEMENT, DEPARTMENT OF ELECTIONS, JUNE 30th, 1914.

Appropriation—General, Fiscal Year 1913-1914		$275.000.00
Expenditures:		
Salaries—		
Commissioners	$ 4,893.94	
Deputies, Clerks and Assistants	63,570.15	
General Expenses:		
Municipal Railway	21,679.16	
Municipal Primary	54,003.86	
Municipal General	56,872.88	
Warehouse	1,297.08	
Outside Registration	8,876.81	
Miscellaneous:		
Equipment, Advertising, Printing, Stationery, etc.	19,101.56	
Candidates' Statements	656.70	
Total	$230,952.14	
Surplus, June 30th, 1914	44,047.86	
	$275,000.00	$275,000.00
Appropriation—Special, Fiscal Year 1913-1914		$ 50,000.00
Expenditures	$ 50.00	
Balance June 30th, 1914	49,950.00	
	$ 50,000.00	$ 50,000.00
Fees Collected:		
Candidates' Statements	$ 1,110.00	
Candidates' Filing Fees	110.00	
Indexes to Register	216.65	
	$ 1,436.65	

REGISTRATION FOR FISCAL YEAR 1912-1913.

Assembly District.	Total Males.	Total Females.	Total Registered.
Twenty-first	8,337	1,628	9,965
Twenty-second	3,906	1,553	5,459
Twenty-third	5,813	2,489	8,302
Twenty-fourth	6,692	3,293	9,985
Twenty-fifth	7,901	3,986	11,887
Twenty-sixth	10,304	6,323	16,627
Twenty-seventh	7,228	4,732	11,960
Twenty-eighth	7,012	4,646	11,658
Twenty-ninth	8,674	4,083	12,757
Thirtieth	9,107	4,869	13,976
Thirty-first	6,988	5,271	12,259
Thirty-second	8,286	5,327	13,613
Thirty-third	6,381	1,633	8,014
Totals	96,629	49,833	146,462

POLITICAL AFFILIATIONS, 1912-1913.

Assembly District.	Rep.	Prog.	Dem.	Soc.	Dec.	U.L.	Prob.
Twenty-first	5,657	51	2,438	641	1,024	133	21
Twenty-second	3,260	9	1,312	393	410	69	6
Twenty-third	4,778	8	1,975	784	656	95	6
Twenty-fourth	5,945	20	2,387	707	808	102	16
Twenty-fifth	7,551	38	2,618	557	979	124	21
Twenty-sixth	10,764	91	3,549	784	1,301	87	51
Twenty-seventh	7,983	109	2,683	358	777	37	13
Twenty-eighth	8,118	58	2,270	432	752	24	5
Twenty-ninth	7,476	68	2,939	841	1,280	137	14
Thirtieth	8,699	103	3,114	718	1,255	73	16
Thirty-first	8,993	83	2,161	256	729	23	15
Thirty-second	9,077	169	2,806	359	1,146	37	15
Thirty-third	5,356	56	1,582	221	752	47	.....
Totals	93,657	863	31,834	7,051	11,870	988	199

SPECIAL ELECTION AUGUST 26, 1913, TO INCUR A BONDED INDEBTEDNESS FOR EXTENSION OF MUNICIPAL RAILWAY.

Proposition to incur a bonded indebtedness of the City and County of San Francisco to the amount of Three Million Five Hundred Thousand Dollars for the purpose of the acquisition or construction of a public utility, to-wit: A system of Municipal Street Railways over and along the public streets or rights of way from The Embarcadero to terminals at the Panama-Pacific International Exposition grounds and the Presidio Military Reservation; from various points in Market street and in and through Stockton street to the same terminals; from Market street to a terminal in the Potrero District; on Van Ness avenue and from such avenue along connecting streets to Church street, and along Church street to convenient terminals; along California street from Thirty-third avenue to First avenue and over connecting streets to Geary street, and for such extensions and additions to the system as may be deemed necessary, and to include equipment thereof, appurtenances thereto, and purchase of necessary lands.

Bonds issued for such purpose shall bear interest at the rate of Five per centum per annum, payable semi-annually.

Assembly District.	Total Vote Polled.	Yes.	No.
Twenty-first	3,473	3,000	424
Twenty-second	2,489	2,114	366
Twenty-third	3,921	3,397	514
Twenty-fourth	5,126	4,480	630
Twenty-fifth	5,337	4,375	949
Twenty-sixth	7,992	6,274	1,681
Twenty-seventh	6,003	4,543	1,441
Twenty-eighth	6,376	4,723	1,613
Twenty-ninth	5,160	4,371	780
Thirtieth	5,838	4,658	1,149
Thirty-first	6,208	3,745	2,435
Thirty-second	5,044	3,846	1,182
Thirty-third	2,555	1,926	618
Totals	65,522	51,452	13,782

PRIMARY ELECTION, SEPTEMBER 30, 1913—POLICE JUDGES.

Assembly District	Total Vote Polled	W. J. Berns	F. Carroll	W. P. Caubu	A. D. D'Ancona	W. C. Shepard	E. P. Shortall	W. H. Sigourney	J. J. Sullivan	L. H. Ward	C. F. Adams
Twenty-first	3,866	116	208	821	476	335	2,225	332	2,145	566	
Twenty-second	2,920	48	90	1,200	264	286	1,607	283	1,345	333	
Twenty-third	4,450	119	210	1,269	470	511	2,364	529	2,228	607	
Twenty-fourth	5,213	95	236	1,389	741	574	2,891	476	2,575	885	
Twenty-fifth	5,643	75	206	1,761	1,025	403	3,042	356	2,566	1,194	1
Twenty-sixth	7,935	114	258	2,252	1,634	613	4,212	535	3,381	1,943	
Twenty-seventh	5,773	59	176	1,675	1,634	286	2,817	247	2,095	1,837	
Twenty-eighth	5,704	63	220	1,725	1,651	339	2,726	329	2,032	1,737	
Twenty-ninth	5,564	126	303	1,487	821	421	3,063	417	2,756	1,058	
Thirtieth	5,662	109	248	1,290	1,317	429	3,029	438	2,387	1,416	
Thirty-first	5,588	42	155	1,658	2,102	180	2,294	181	1,565	2,246	
Thirty-second	4,603	46	136	1,349	1,436	177	2,107	210	1,706	1,574	
Thirty-third	2,984	47	119	650	720	137	1,640	148	1,478	604	
Totals	65,905	1,059	2,565	18,526	14,291	4,691	34,017	4,481	28,259	16,000	1

PRIMARY ELECTION, SEPTEMBER 30, 1913.
CITY ATTORNEY.

Assembly District—	C. J. H. Berg	C. W. Eastin	Percy V. Long	H. Slikerman	P. F. Courneen
Twenty-first	200	449	2,644	361	
Twenty-second	111	416	1,927	319	
Twenty-third	225	641	2,826	536	
Twenty-fourth	208	854	3,459	459	
Twenty-fifth	248	862	3,940	359	
Twenty-sixth	264	1,487	5,353	527	
Twenty-seventh	131	686	4,465	230	
Twenty-eighth	109	1,036	4,085	286	
Twenty-ninth	243	907	3,683	469	
Thirtieth	181	760	3,988	485	
Thirty-first	100	597	4,483	162	
Thirty-second	97	617	3,531	177	1
Thirty-third	179	316	2,148	153	
Total	2,296	9,628	46,532	4,523	1

PRIMARY ELECTION, SEPTEMBER 30, 1913.
TREASURER.

	Oliver Everett	W Hammerlindl	John E. McDougald	P. Ascheroft
Twenty-first	451	148	2,960	
Twenty-second	354	77	2,210	
Twenty-third	689	187	3,278	
Twenty-fourth	594	147	4,182	
Twenty-fifth	510	143	4,615	
Twenty-sixth	781	196	6,366	
Twenty-seventh	448	110	4,867	
Twenty-eighth	451	101	4,869	
Twenty-ninth	593	161	4,463	
Thirtieth	665	150	4,420	
Thirty-first	355	59	4,781	
Thirty-second	366	123	3,866	1
Thirty-third	319	109	2,259	
Total	6,576	1,711	53,136	1

PRIMARY ELECTION, SEPTEMBER 30, 1913.
TAX COLLECTOR.

Assembly District	E. F. Bryant	S. A. Byrne	N. T. Duffy	R. H. Fitzgerald	John J. C. Holler	J. O. Low	H. F. Sahlender
Twenty-first	1,681	386	95	225	39	891	345
Twenty-second	1,058	617	49	129	34	606	294
Twenty-third	1,649	956	50	106	73	951	508
Twenty-fourth	1,887	705	81	249	101	1,563	438
Twenty-fifth	1,726	1,056	100	296	78	1,905	323
Twenty-sixth	2,251	716	203	459	87	3,468	452
Twenty-seventh	1,172	468	121	612	41	2,906	205
Twenty-eighth	1,350	331	161	357	37	3,015	288
Twenty-ninth	1,854	693	150	272	69	1,869	425
Thirtieth	1,339	448	167	310	73	2,679	424
Thirty-first	917	298	141	270	78	3,451	163
Thirty-second	1,012	280	138	330	34	2,485	159
Thirty-third	989	242	110	208	60	1,076	128
Total	18,885	7,196	1,566	3,823	804	26,865	4,152

PRIMARY ELECTION, SEPTEMBER 30, 1913.
RECORDER.

Assembly District	Edmond Godchaux	T. F. O'Neil	J. M. Reynolds	Albert Woodhouse
Twenty-first	1,383	1,650	424	152
Twenty-second	1,227	1,049	335	109
Twenty-third	1,593	1,777	676	174
Twenty-fourth	2,147	2,129	536	159
Twenty-fifth	2,783	2,036	416	145
Twenty-sixth	4,344	2,375	650	192
Twenty-seventh	3,562	1,433	374	121
Twenty-eighth	3,873	1,156	345	98
Twenty-ninth	2,430	2,119	546	154
Thirtieth	3,223	1,495	562	140
Thirty-first	4,159	859	276	71
Thirty-second	3,065	952	293	99
Thirty-third	1,497	967	215	99
Total	35,286	19,997	5,648	1,713

PRIMARY ELECTION, SEPTEMBER 30, 1913.
PUBLIC ADMINISTRATOR

Assembly District	J. BASCHE	A. K. Gifford	M. J. Hynes	D. Lowrie
Twenty-first	150	590	2,835	
Twenty-second	129	382	2,217	
Twenty-third	197	700	3,267	
Twenty-fourth	178	706	4,070	
Twenty-fifth	213	644	4,472	
Twenty-sixth	279	893	6,344	1
Twenty-seventh	132	624	4,701	
Twenty-eighth	169	553	4,678	
Twenty-ninth	210	676	4,381	
Thirtieth	148	796	4,410	
Thirty-first	141	411	4,670	
Thirty-second	147	406	3,843	
Thirty-third	120	329	2,282	
Total	2,213	7,710	52,170	1

PRIMARY ELECTION NOVEMBER 30, 1913.
SUPERVISORS.

Assembly District	D. Barry	E. G. Bath	J. Bianche	Samuel P. Blumenberg	J. T. Burns	G. E. Caglieri	A. C. Campbell	M. P. Christensen	J. B. Chrystal	Geo. A. Connolly	E. L. Cutten
Twenty-first	276	1,265	102	150	1,196	632	293	477	65	710	302
Twenty-second	180	908	81	77	856	393	120	341	36	373	192
Twenty-third	209	1,344	267	131	1,465	610	168	615	67	603	289
Twenty-fourth	224	1,570	72	97	1,798	802	252	544	33	887	464
Twenty-fifth	233	1,322	101	128	1,342	1,099	256	417	41	1,006	677
Twenty-sixth	299	1,788	77	206	1,760	1,934	406	739	52	1,516	1,313
Twenty-seventh	264	1,180	36	113	875	1,877	470	313	33	1,213	1,090
Twenty-eighth	315	1,021	77	165	727	1,817	361	351	36	1,489	1,223
Twenty-ninth	192	1,313	57	146	1,278	962	257	486	29	932	475
Thirtieth	186	1,201	64	232	821	1,396	302	469	59	1,089	866
Thirty-first	134	892	58	116	450	2,517	318	204	59	1,192	1,747
Thirty-second	93	817	83	121	474	1,829	293	227	38	1,218	1,081
Thirty-third	64	646	253	91	645	1,330	242	215	70	629	453
Total	2,669	15,267	1,328	1,773	13,687	17,198	3,738	5,398	618	12,857	10,172

SUPERVISORS.

Assembly District	Con Deasy	Andrew N. Dethlefson	W. F. DeWitt	R. S. Dingley	Jos. Dobrodenka	W. H. Dorman	K. J. Doyle	T. J. Duffy	S. Fear	H. C. Flageolett	A. J. Gallagher
Twenty-first	1,980	78	383	93	67	150	422	197	103	78	2,532
Twenty-second	1,411	45	286	27	24	76	327	90	28	107	1,869
Twenty-third	1,972	76	515	66	40	120	577	137	61	562	2,867
Twenty-fourth	2,298	43	452	57	33	126	474	130	85	228	3,325
Twenty-fifth	2,281	71	337	100	36	92	329	105	120	267	3,241
Twenty-sixth	1,886	80	452	143	54	375	452	152	216	159	4,275
Twentyseventh	1,235	35	226	78	14	175	207	91	111	85	2,739
Twenty-eighth	1,225	34	295	82	22	166	248	81	104	60	2,670
Twenty-ninth	2,056	41	392	84	42	122	439	137	101	129	3,311
Thirtieth	1,568	60	416	76	32	180	390	146	183	112	3,026
Thirty-first	963	43	163	119	36	273	232	180	112	126	2,236
Thirty-second	1,146	57	225	101	46	274	235	156	124	73	2,276
Thirty-third	1,256	70	178	54	57	158	197	141	64	84	1,633
Total	21,277	733	4,320	1,080	503	2,287	4,529	1,743	1,412	2,070	36,000

SUPERVISORS.

Assembly District	Jos Gallagher	T. P. D. Gray	Jno. A. Hammersmith	Fred. Head	B. Henley	J. L. Herget	T. O. Heydenfeldt	F. L. Hilmer	E. Hogberg	H. W. Hutton	B. Joost
Twenty-first	482	337	217	122	186	564	206	780	156	217	265
Twenty-second	534	240	135	89	77	304	147	745	162	135	166
Twenty-third	647	436	163	139	125	394	354	627	220	151	345
Twenty-fourth	519	404	253	186	234	564	389	1,153	245	257	502
Twenty-fifth	593	269	401	351	305	586	441	1,413	259	253	579
Twenty-sixth	598	394	827	367	531	723	558	2,201	569	449	912
Twenty-seventh	335	245	836	333	486	450	339	2,112	328	347	538
Twenty-eighth	393	291	818	241	511	488	438	2,305	312	427	524
Twenty-ninth	507	409	497	245	371	757	611	1,392	306	405	797
Thirtieth	633	503	876	300	598	838	698	1,851	273	487	625
Thirty-first	441	231	1,458	221	916	530	364	2,349	197	555	511
Thirty-second	395	219	1,119	190	564	521	344	1,832	215	421	429
Thirty-third	329	149	404	80	199	450	125	880	99	194	181
Total	6,406	4,127	8,004	2,864	5,103	7,169	5,014	19,640	3,341	4,298	6,374

SUPERVISORS.

Assembly District	A. Koshland	I. Leipsic	F. X.Lintner	R. J. Loughery	Byron Mauzy	F. McGlynn	R. McLeran	C. W. Moores	D. C. Murphy.	C. A. Nelson	E. L. Nolan
Twenty-first	602	68	302	261	630	72	862	85	585	1,417	996
Twenty-second	361	30	381	458	379	43	542	51	310	1,561	767
Twenty-third	527	63	440	441	581	57	935	80	526	1,647	1,064
Twenty-fourth	940	55	366	615	982	75	1,293	94	800	1,802	1,481
Twenty-fifth	1,137	69	261	813	1,356	73	1,597	133	1,060	1,757	1,670
Twenty-sixth	2,073	159	374	913	2,387	164	3,082	343	1,921	2,328	2,494
Twenty-seventh	1,969	131	243	735	2,612	167	2,479	237	1,857	1,255	1,764
Twenty-eighth	2,304	234	279	766	2,671	153	2,334	261	1,615	1,323	1,719
Twenty-ninth	1,184	154	400	845	1,343	188	1,800	188	1,099	1,912	1,747
Thirtieth	1,980	382	376	620	2,106	186	1,979	286	1,358	1,357	1,696
Thirty-first	2,633	193	155	572	3,047	105	2,614	559	1,625	818	1,346
Thirty-second	1,990	143	148	455	2,231	101	1,933	285	1,414	914	1,319
Thirty-third	827	43	114	206	927	100	962	127	589	819	638
Total	18,527	1,724	3,839	7,700	21,252	1,484	22,412	2,729	14,759	18,910	18,701

SUPERVISORS.

Assembly District	C. F. O'Callaghan	J. Phillips	J. L. Polito	A. D. Porter	Jas. E. Power	C. A. Preston	A. Ruske	J. H. Ryan	F. J. Schmidt	M. H. Seligman
Twenty-first	93	941	319	549	1,621	285	46	397	113	69
Twenty-second	78	585	337	224	1,432	227	42	271	84	28
Twenty-third	90	898	539	357	1,845	449	56	416	134	91
Twenty-fourth	149	1,226	823	430	2,485	477	78	670	229	137
Twenty-fifth	346	1,366	1,006	653	2,940	342	46	938	251	155
Twenty-sixth	472	2,066	1,903	624	3,328	479	88	1,353	387	195
Twenty-seventh	341	1,599	1,047	483	2,246	242	48	1,194	172	99
Twenty-eighth	264	1,325	1,001	366	1,798	282	37	766	175	203
Twenty-ninth	291	1,288	1,066	566	2,251	375	54	771	150	115
Thirtieth	267	1,101	868	471	1,853	400	44	763	207	253
Thirty-first	301	926	1,082	317	1,494	173	35	634	92	129
Thirty-second	190	820	775	292	1,275	179	20	573	99	100
Thirty-third	81	674	646	277	920	95	24	352	81	55
Total	2,963	14,815	11,412	5,579	25,488	4,005	618	9,098	2,174	1,629

SUPERVISORS.

Assembly District	P. J. Shanahan	T. E. Strong	F. Suhr, Jr.	M. J. Sullivan	L. Vanalstine	W. S. Vanderburgh	W. E. Walker	Jno. O. Walsh	N. C. Weinholz	W. C. Wise
Twenty-first	68	44	1,381	333	269	286	306	1,874	162	123
Twenty-second	39	27	1,070	276	231	264	259	1,620	179	87
Twenty-third	192	129	2,008	448	493	508	517	2,495	1,052	165
Twenty-fourth	154	111	2,243	514	395	439	442	3,015	482	210
Twenty-fifth	141	102	2,514	514	282	327	326	2,820	343	283
Twenty-sixth	142	116	3,145	766	402	430	451	3,126	293	470
Twenty-seventh	82	65	1,963	336	201	221	242	1,839	146	361
Twenty-eighth	71	81	1,713	362	226	265	298	1,819	158	799
Twenty-ninth	137	76	2,035	502	365	379	319	2,355	202	177
Thirtieth	86	101	1,650	326	368	368	369	1,670	176	406
Thirty-first	43	47	1,297	191	129	174	153	1,227	94	592
Thirty-second	40	61	1,296	210	135	156	172	1,172	83	377
Thirty-third	33	48	888	135	86	87	112	944	70	137
Total	1,228	1,008	23,203	4,913	3,582	3,904	3,966	25,976	3,440	4,187

GENERAL MUNICIPAL ELECTION, NOVEMBER 11, 1913.
POLICE JUDGE

Assembly District	Total Vote Polled	W. P. Caubu	J. J. Sullivan	Scattering
Twenty-first	4,485	1,341	3,023	
Twenty-second	2,239	1,434	1,719	
Twenty-third	4,765	1,761	2,841	1
Twenty-fourth	5,676	1,988	3,562	
Twenty-fifth	6,377	2,694	3,502	
Twenty-sixth	8,682	3,657	4,791	
Twenty-seventh	6,307	3,073	3,028	
Twenty-eighth	6,190	3,043	2,908	
Twenty-ninth	6,141	2,221	3,760	
Thirtieth	6,071	2,381	3,502	
Thirty-first	6,083	3,644	2,201	
Thirty-second	5,188	2,654	2,391	
Thirty-third	3,347	1,154	2,077	1
Total	72,551	31,045	39,305	2

GENERAL MUNICIPAL ELECTION, NOVEMBER 11, 1913.
TAX COLLECTOR.

Assembly District	E. F. Bryant	J. O. Low	Scattering
Twenty-first	3,201	1,126	
Twenty-second	2,294	846	
Twenty-third	3,338	1,284	1
Twenty-fourth	3,531	2,023	
Twenty-fifth	3,755	2,435	
Twenty-sixth	4,264	4,214	
Twenty-seventh	2,517	3,605	
Twenty-eighth	2,477	3,557	
Twenty-ninth	3,678	2,308	
Thirtieth	2,961	2,950	
Thirty-first	1,757	4,151	
Thirty-second	2,036	3,029	
Thirty-third	1,853	1,380	
Total	37,662	32,908	1

GENERAL MUNICIPAL ELECTION, NOVEMBER 11, 1913.
SUPERVISORS

Assembly District	Total Vote Polled	E. G. Bath	J. T. Burns	G. E. Caglieri	G. A. Connolly	Con Deasy	F. L. Hilmer	A. Koshland	Byron Mauzy
Twenty-first	4,485	2,597	2,565	1,043	1,227	3,086	1,340	960	992
Twenty-second	3,239	1,726	1,710	752	763	2,101	1,162	546	568
Twenty-third	4,765	2,763	2,791	974	1,183	3,217	1,269	840	869
Twenty-fourth	5,676	2,931	3,172	1,306	1,629	3,430	1,943	1,361	1,431
Twenty-fifth	6,377	2,821	2,735	1,836	2,099	3,566	2,475	1,758	1,990
Twenty-sixth	8,682	3,693	3,426	3,143	3,163	4,125	3,940	3,275	3,368
Twenty-seventh	6,307	2,301	1,687	2,862	2,575	2,461	3,481	2,771	3,240
Twenty-eighth	6,190	2,286	1,766	2,961	2,997	2,377	3,391	2,962	3,252
Twenty-ninth	6,141	3,174	2,944	1,770	2,050	3,641	2,263	1,597	1,704
Thirtieth	6,071	2,687	2,045	2,613	2,290	2,917	2,921	2,547	2,550
Thirty-first	6,083	2,036	1,107	3,850	2,824	1,822	3,801	3,421	3,786
Thirty-second	5,188	1,571	1,084	3,067	2,153	1,851	2,993	2,576	2,885
Thirty-third	3,347	1,420	1,137	1,703	1,061	1,752	1,350	1,166	1,231
Total	72,551	32,006	28,169	27,880	26,014	36,346	32,329	25,780	27,866

SUPERVISORS.

Assembly District	R. McLeran	D. C. Murphy	C. A. Nelson	Edw. L. Nolan	J. J. Phillips	Jas. E. Power	Fred Suhr, Jr.	Jno. O. Walsh
Twenty-first	1,459	1,278	2,732	1,789	2,303	2,998	2,792	3,179
Twenty-second	866	720	2,350	1,259	1,612	2,385	2,042	2,348
Twenty-third	1,423	1,276	3,023	1,906	2,777	3,547	3,321	3,565
Twenty-fourth	2,151	1,883	3,476	2,694	2,921	3,797	3,657	4,019
Twenty-fifth	2,832	2,466	3,307	2,889	2,931	3,964	3,881	3,889
Twenty-sixth	4,183	3,572	4,025	3,921	3,842	4,741	4,975	4,334
Twenty-seventh	3,398	3,170	2,331	2,882	2,665	2,894	3,170	2,444
Twenty-eighth	3,365	2,999	2,293	2,858	2,364	2,638	3,026	2,507
Twenty-ninth	2,510	2,063	3,388	2,707	2,911	3,675	3,754	3,845
Thirtieth	2,887	2,501	2,476	2,804	2,396	2,991	3,351	2,908
Thirty-first	3,762	2,970	1,764	3,002	1,998	2,200	2,909	1,795
Thirty-second	2,966	2,649	1,901	2,633	1,711	1,984	2,539	1,791
Thirty-third	1,538	1,410	1,722	1,368	1,540	1,706	1,787	1,625
Total	33,340	28,957	34,788	32,712	31,971	39,520	41,204	38,249

Board of Public Works

Honorable James Rolph, Jr.,

Mayor, City and County of San Francisco.

Honorable and Dear Sir:—The fiscal year 1913-1914, its report for which the Department of Public Works begs leave to tender you herein, not only signalizes the partial realization of the first of San Francisco's great tunnel projects; the development of the Civic Center grounds and buildings; the commencement of preparatory water supply construction work in the Hetch Hetchy valley, and the extension of the lines of the Municipal Railway system, but is of particular interest for the reason that during it a greater amount of street improvements were effected, under the direction of this board, than in any other equal period of the department's activity.

Four hundred and fifty-three blocks of streets and eighty-nine street crossings or intersections were improved during the year. The streets or sidwalks fronting on one hundred and eleven parcels of city property were also improved.

On October 1, 1913, proceedings were initiated by this commission for public improvements under the provisions of the Street Improvement Ordinance, which allows street work to be paid for in more than one installment. As this procedure facilitates the performance of street work where property has a small assessed valuation, all the public proceedings inaugurated in the future by this board will be begun and continued to maturity in accordance with this act.

Two hundred and fifty-three resolutions declaring street work expedient in various portions of the city were adopted by the board during the same period.

The equipment of the Street Repair Division was increased by the addition of two modern paving machines, a rock bunker and an asphalt plant, and plans are being prepared to construct a shop building in the Street Repair Corporation Yard.

During the year two pneumatic street flushers, two sanitary combination sprinklers and flushers and hand-cart apparatus for street sweepers were added to the equipment of the Street Cleaning Division, and a machine and blacksmith shop established at the Street Cleaning Corporation Yard.

The necessity of providing for the safety of audiences in the various public buildings constructed under the direction of this department, or of other branches of the municipal government, induced the Board of Public Works to require its official examination and approval of all plans for public buildings, on an equal basis with the examination and approval of the plans for structures privately owned.

Under the stimulus of a decision rendered by the Superior Court, by which the right of this department to order improvements in and upon the public streets was upheld, an unprecedented amount of street and sidewalk improvements has been installed through private contract by property owners during the fiscal year.

We take pleasure in announcing the near completion during the year of the Forty-eighth avenue and Golden Gate Park sewer, the Visitacion valley outlet, the Sloat and Junipero Serra boulevard sewers, the Baker and Tonquin street and the Fourth and Brannan streets sewers, and the completion of plans for the Baker's Beach outlet, the Glen Park sewer extension, and for the main sewers in Fifth street, between Brannan and Channel streets, in Fulton street, between the

Great Highway and Forty-eighth avenue, and in Forty-sixth avenue, between the Sutro Heights and Fulton street. All of this work was of the utmost benefit to the residents of the adjacent districts.

The award of a contract for the placement of street signs in the outlying districts; the sinking of wells in the Relief Home tract and in sections suffering from a scarcity of water for domestic uses; the regrading of Polk street, and the maturity of proceedings for the extension or opening of fifteen streets under the amended provisions of the Charter, may also be mentioned among the notable projects intrusted to this board during the fiscal year.

With this brief outline of its essential features this report is respectfully submitted, for inclusion, with Your Honor's approval, in the Municipal Reports compiled and published by the Board of Supervisors.

DEPARTMENT OF PUBLIC WORKS,
CITY AND COUNTY OF SAN FRANCISCO.

T. A. REARDON, President.
DANIEL G. FRASER, Commissioner.
ADOLPH JUDELL, Commissioner.

F. J. CHURCHILL, Chief Deputy Commissioner.
Dated: July 30, 1914.

CASHIER'S REPORT

July 20, 1914.

To the Honorable,
The Board of Public Works.

Gentlemen:—Herewith is submitted the annual report of the Cashier's office for the fiscal year ending June 30, 1914, showing total amount of moneys received from fees, permits, deposits, etc. Also, total sum disbursed through this office from deposit moneys during the same period.

Respectfully submitted,

J. T. DONAHUE,
Cashier, Board of Public Works.

Statement showing total amount of moneys received from all sources from July 1st, 1913, to and inclusive of June 30th, 1914.

Permits Issued.	RECEIPTS.	Amount.
1,995	From Street Space Permits	$ 47,985.00
520	From Sidewalk Permits	10,680.00
79	From Sub-sidewalk Permits	8,406.00
19	From House Moving Permits	1,900.00
3,150	From House Building Permits (Fees)	25,753.80
118	From Billboard Permits (Fees)	118.00
241	From Excavation Permits (Ord. No. 2201, New Series)	11,390.95
4	From "General Deposits" Excavation Fund (Ord. No. 2201, New Series)—	
	February 26, 1914, Pacific Gas & Elec. Co. $2,500.00	
	March 4, 1914, Spring Valley Water Co. 2,500.00	
	May 4, 1914, Sierra & S. F. Power Co. 2,500.00	7,500.00
Receipts Issued.		
1,521	From Side Sewer Deposits (1,711 Sewers)	64,686.80
131	From Balances due on 131 Side Sewers, underestimated	2,346.80
Sept. 2, 1913	From General Fund (through Board of Supervisors), reimbursing "Tearing Up Streets Fund" for outlay on 6 Side Sewers	205.10
Jan. 23, 1914	From Fire Protection Bond Fund of 1908, reimbursing "Tearing Up Streets Fund" for outlay on 9 Side Sewers	323.45
692	From Bureau of Engineering, Fees collected for surveys	18,975.90
156	From Advertising Charges	4,491.50
2,747	From Municipal Water Works, Water rentals and service connections	4,576.86
July 17, 1913	From Mooser & St. Germain, For sale of old shack on City Property, Jackson st., bet. Front and Davis sts.	20.00
July 24, 1913	From United Light & Power Co., For cost of repaving south side of Market st., bet. Sixth and Seventh sts.	142.30
July 31, 1913	From Fourth of July Committee, Removing stand from Van Ness avenue	6.50
March 27, 1914	From U. S. Government, Fort Mason, Cal., For electric power furnished by pumping plant No. 2, H. P. F. P. System	422.42
April 17, 1914	From City Street Improvement Co., For sale at public auction of 173 M. Cobbles @ $1.10 per M.	190.30
June 22, 1914	From Marconi Wireless Telegraph Co. of America, For damage to Third-st. Bridge by an automobile	15.00
11,381		$210,136.68
	District Assessments (widening, opening and extending streets)—	
642	From Property Owners, Assessments paid in re change of grade on Polk st., from Lombard to Bay sts., etc.	61,671.69
12,023 Total	Total	$271,808.37

DEPOSITS

With City and County Treasurer (as per Receipts) During the Fiscal Year Ending June 30th, 1914.

To the Credit of—

Special Permit Fund	$67,071.00
Tearing Up Streets Fund	67,562.15
House Moving Fund	1,900.00
General Fund	26,245.90
Excavation Fund	18,890.95
Unapportioned Fee Fund	18,975.90
Advertising Fund	4,491.50
Water Works Fund	4,576.86
Fire Protection Account of the Public Building Fund, Bond Issue of 1908	422.42
	$210,136.68
Polk Street, Regrade Assessment Fund	61,671.69
	$271,808.37

SPECIAL PERMIT FUND.

Statement showing Receipts and Disbursements by Cashier, Board of Public Works, during the Fiscal Year ending June 30th, 1914, Account of the "Special Permit Fund."

Balance July 1st, 1913, Deposits outstanding	$47,675.25
Demand unclaimed in Auditor's Office, cancelled by authority of the Board of Supervisors, as set forth in Resolution No. 10,632 (new series), approved January 13th, 1914, "Street Space" Deposit No. 7,366 (E. E. Brumbaugh)	20.00
	$ 47,695.25

RECEIPTS.

Permits Issued.			
1,995	From Street Space Permits	$47,985.00	
520	From Sidewalk Permits	10,680.00	
79	From Sub-sidewalk Permits	8,406.00	67,071.00
2,594			$114,766.25

Demands Issued.	DISBURSEMENTS.		
1,998	Street Space Permits (Deposits refunded)	$51,609.00	
516	Sidewalks Permits (Deposits refunded)	10,520.00	
117	Sub-sidewalk Permits (Deposits refunded)	15,253.00	77,382.00
2,631	Balance, Deposits outstanding July 1st, 1914		$ 37,384.25

TEARING UP STREETS FUND.

Statement showing Receipts and Disbursements by Cashier, Board of Public Works, during the Fiscal Year ending June 30th, 1914, Account of the "Tearing Up Streets" Fund.

	July 1st, 1913, Balance undisbursed	$ 5,294,17
	Demands (2) for unexpended balances of Side Sewer Deposits remaining unclaimed in the Auditor's Office, cancelled by authority of the Board of Supervisors, as set forth in Resolution No. 10,632 (new series), approved January 13th, 1914	.50
		$ 5,294.67

Receipts Issued.	RECEIPTS.		
1,521	From Side Sewer Deposits (1711 Sewers)	$64,686.80	
131	From Balance due on 131 Side Sewers underestimated	2,346.80	
2	From Appropriations by Board of Supervisors, reimbursing "Tearing Up Streets" Fund for outlay on 15 Side Sewers—		
	Sept. 2, 1913 $205.10		
	Jan. 23, 1914 323.45	528.55	67,562.15
1,654			$ 72,856.82

Demands Issued.	DISBURSEMENTS.		
1,420	Unexpended balances of Side Sewer Deposits	$23,917.76	
372	Wages of Side Sewermen	28,153.00	
14	Restoring Pavement over Side Sewer trenches	8,690.00	
24	Salaries—Inspector @ $200 per month, Timekeeper-clerk @ $150 per month	4,200.00	
2	Salaries—Stenographer-typewriter (July and August, 1913)	250.00	
23	Teaming	2,515.90	
16	Livery (Horse and Buggy hire)	544.50	
12	Blacksmithing	268.55	
11	Lumber (for trench cribbing)	477.23	
28	Tools and Miscellaneous Materials	322,79	69,339.73
1,922	Balance undisbursed July 1st, 1914		$ 3,517.09

HOUSE MOVING FUND.

Statement showing Receipts and Disbursements by Cashier, Board of Public Works, during the Fiscal Year ending June 30th, 1914, Account of "House Moving Fund."

	Balance July 1st, 1913, Deposits outstanding	$ 430.00
Permits Issued.	RECEIPTS.	
19	From House Moving Permits	$ 1,900.00
		$ 2,330.00
Demands Issued.	DISBURSEMENTS.	
22	Deposits refunded	$ 2,002.65
	Balance, Deposits outstanding July 1, 1914	$ 327.35

MEMORANDA—SIDE SEWER CONSTRUCTION.

During the Fiscal Year ending June 30th, 1914, the Records of the Cashier's Office show the total number of Side Sewers constructed by employes of the Department of Public Works to be as follows:

Month—	No. of Sewers.	No. of Trenches.
July, 1913	174	163
August	164	156
September	119	107
October	191	179
November	133	129
December	120	115
January, 1914	98	88
February	144	121
March	169	159
April	142	136
May	127	117
June	151	139
Total	1,732	1,609

The total number of Side Sewers constructed during the four years preceding 1913-14 are as follows:

Fiscal Year—	No. of Sewers.
Fiscal Year 1912-13	2,333
Fiscal Year 1911-12	2,373
Fiscal Year 1910-11	2,103
Fiscal Year 1909-10	2,070
Total	8,879

POLK STREET RE-GRADE ASSESSMENT FUND.

In the matter of changes in grades on Polk street, between Lombard and Bay streets, and on Chestnut and Francisco streets, between Larkin street and Van Ness avenue, etc.

Total amount paid from August 21st, 1913, to and inclusive of January 23rd, 1914, as follows:

Assessments	$ 60,679.83
Subsequent to September 18, 1913—	
Delinquent Penalty, 5%	829.30
Advertising Charges	162.56
	$ 61,671.69

BUREAU OF BOOKKEEPING AND ACCOUNTING

To the Honorable,
The Board of Public Works,
Of the City and County of San Francisco.

Gentlemen:—Herewith transmitted please find the Financial Report of the Bookkeeping and Accounting Bureau for the Fiscal Year 1913-1914.

The report has been necessarily delayed on account of the increased volume of work entailed during the past year—both constructive and operative.

The summary of expenditures is inclusive of tabulations in all classes of work performed. In many instances the work was not completed prior to June 30, 1913, and the moneys were carried forward to the fiscal year 1913-1914.

Whenever balances were carried forward from the previous fiscal year the accounts as compiled will show the total expenditures in their respective classes.

The separate appendices exhibit the totals as compiled from the books and records of this office, inclusive of all work done under the direction of the various sub-departments, the expense of which was borne out of the several bond issue series. No recordation is made of the Board of Public Works' original estimate of "Budget Expenditures" for the ensuing fiscal year—the magnitude of same precludes such tabulation being shown, same, however, having been previously filed.

The timekeeping system, touched on last year to some greater extent, has been brought to a state of efficiency through the co-operation of all sub-departments, though nothing has been accomplished in re. bi-weekly pay day for per diem employes. This matter was recommended at budget making and should be given some further attention in the near future.

The storekeeping problem has been adjusted and the system is now an accomplished fact. The Board of Supervisors acknowledged the possible efficacy of effect, as submitted in the several reports, and appropriated sufficient moneys to cover necessary expenses. The result has been more than satisfactory—the saving in all branches of repair and reconstruction work has been noticeable and the service excellent.

The year's work has been greater in magnitude than any other since the inception of the present Charter. We have endeavored to obtain the best possible results with the least possible effort, and evolved and inaugurated several new ideas which have proven their worth in facilitating the work without destroying the system.

Respectfully submitted,

LEONARD S. LEAVY,
Bookkeeper.

SALARIES.

Purpose Intended.	Appropriation.	Expended.	Surplus.	Overdraft.	Remarks.
Commissioners	$12,000.00	$11,998.85	$ 1.15		
General Office	19,500.00	19,500.00			
Bookkeeping and Accounting	22,260.00	22,060.00	200.00		
Building Inspection	30,900.00	30,900.00			
Street Repair	25,320.00	25,243.40	76.60		
Sewer Repair and Cleaning	3,000.00	3,000.00			
Building Repairs and Maintenance	78,360.00	78,259.60	100.40		
Bureau of Architecture	26,460.00	26,459.40	.60		
Bureau of Engineering:					
Main office	32,700.00	32,715.00		$15.00	
Inspection under Contract	18,600.00	695.00	17,905.00		New ordinance not operative.
Laboratory	3,600.00	3,600.00			
Photostat and Blue Print	1,800.00	1,800.00			
Inspection of Complaints	17,100.00	17,100.00			
Bureau of Surveys	53,400.00	53,352.55	47.45		
Garbage Disposal Plant No. 1	22,820.00		22,820.00		Incinerator plant not started.
Bureau of Light and Water	3,780.00	3,712.25	67.75		
	$371,600.00	$330,396.05	$41,218.95	$15.00	Net return to Surplus Account $41,203.95.

MISCELLANEOUS SURVEYS AND INCIDENTAL WORK, BUREAU OF ENGINEERING

Purpose Intended.	Appropriation.	Expended.	Surplus.	Overdraft.	Remarks.
Re-surveys	$44,495.00	$42,540.46	$1,954.54		$495.00 forwarded from 1912-13.
Appraisements Spring Valley Water Co.	15,000.00	16,000.54		$1,000.54	
Twin Peaks Tunnel—Plans	1,500.00	5,800.13		4,300.13	Deficit of $354.90 carried over from 1912-13. No further appropriation was made, as the General Fund was to be reimbursed with all amounts heretofore expended for preliminary work. Bill No. 269, 6/26/14, reimbursed General Fund with amount of $20,400.13 by draft from Twin Peaks Tunnel Assessment Fund.
Block Books for Assessor, etc.	2,600.00	2,542.59	57.41		Work done in Photostat Room.
Fillmore Tunnel Plans	2,907,56	1,514.35	1,393.21		Transfer from 1912-13; completed.
Municipal Railway—Plans, etc.	10,000.00	14,556.57		4,556.57	All expenditures were transferred to 1913 Bond Account.
Maps for Recorder and Tax Collector	1,258.00	673.45	584.55		Forward to 1914-15.
Water Main Extension: Data	1,208.75	100.00	1,108.75		Transferred from 1912-13. Balance forward to 1914-15.
Municipal Water Works-Boring Wells	1,500.00		1,500.00		Contract let. Balance forward to 1914-15.
	$80,469.31	$83,728.09	$6,598.46	$9,857.24	

RECAPITULATION

Apparent Overdraft	$ 9,857.24
Apparent Surplus	6,598.46
Apparent Net Overdraft	$ 3,258.78
Overdraft covered by reimbursements	8,856.70
	$12,115.48
Surplus Accts. transferred to 1914-15	3,193.30
Surplus inc. of reimbursements	$ 8,922.18

GENERAL MAINTENANCE

Purpose Intended.	Appropriation.	Expended.	Surplus.	Overdraft.	Remarks.
Transportation—Buggies	$11,880.00	$10,569.50	$1,310.50		Account reduction from $45 to $40 per month.
Car Fare	2,000.00	1,926.65	73.35		
Transportation—Autos	3,000.00	2,858.45	141.55		Balance forward to 1914-15.
Supplies and Maintenance, Janitors and Engineers, etc.	12,000.00	12,455.69		$455.69	Finance Committee agreed to overdraft of $1,000.00.
General Supplies	2,500.00	2,066.18	433.83		Balance forwarded to 1914-15.
Bureau of Engineering Supplies	5,000.00	4,207.60	792.40		Balance of $500 forwarded to 1914-15.
Maintenance, etc., Photostat Room	2,851.82	2,782.26	69.56		$351.82 carried over and added from 1912-13.
Fuel Oil and Maintenance, Garbage Plant	5,000.00		5,000.00		Not operative.
Autos—Timekeeping Department	1,600.00	1,597.95	2.05		
Storekeeping Department	3,150.00	3,150.00			
Filing System, General Office	300.00	300.00			
	$49,281.82	$41,914.28	$7,823.23	$455.69	

RECAPITULATION

Apparent Surplus	$7,823.23
Apparent Overdraft	455.69
Apparent Net Surplus	$7,367.54
Surplus Acct. transferred to 1914-15	1,075.37
Net Surplus account recredited to General Fund	$6,292.17

STREETS, SEWERS, ROADS, BOULEVARDS, BRIDGES, ETC.

Purpose of Appropriation.	Appropriation.	Expended.	Surplus.	Deficit.	Remarks.
General Repairs to Streets	$692,000.00	$680,589.46	$11,410.54		$11,000 forwarded to 1914-15 for purchase of equipment.
Anza, 13th to 14th Ave., and 13th Ave.	6,300.00	6,133.86	166.14		Completed.
Anza intersection of 14th Ave.	664.48	604.40	60.08		Carried forward to 1914-15. Specific.
Asphalt Plant: Machinery	32,000.00		32,000.00		Carried forward to 1914-15. Specific.
Berry St., 2nd to 3rd—Driving Piles	1,400.00		1,400.00		Forward from 1912-13. Over to 1914-15.
Buena Vista Ave. and Congress—Intersection	425.00		425.00		Paving, forward to 1914-15.
Buena Vista Ave., Haight to Duboce	2,100.00	2,100.00			Sidewalks. Contract completed.
Buena Vista Ave. Improvements, Buena Vista Terrace, etc.	9,300.00	9,368.62		$68.82	Paving, curbs, etc. Contract completed.
Bosworth St. Paving under S. P. Viaduct	3,400.00	3,320.56	79.44		Forwarded to 1914-15. Contract Completed.
Brompton Ave. Southerly from Bosworth St.	740.85		740.85		Forwarded to 1914-15 for grading.
Bernal School Sidewalks	230.00	227.43	2.57		Completed.
Columbia Square Sidewalks	597.50	95.63	501.87		Transfer from 1912-13; forward to 1914-15.
Corporation Yard Improvement	32,500.00	7,958.60	24,541.40		Transfer from 1912-13; forward to 1914-15. Contracts for buildings and tracks.
Carl St. bet. Willard and Arguello	1,700.00	1,531.89	168.11		Completed.

City property—Street work	29,288.67	23,135.30	6,153.37		$7,768.10 transferred from 1912-1913. $6,153.37 transferred to 1914-15.
Curbs—Cutting and Dressing	10,000.00	1,859.28	8,140.72		Contract under way. Balance forward to 1914-15.
Cabrillo, 13th to 14th Ave.—Paving	3,200.00	35.00	3,165.00		Contract under way. Balance forward to 1914-15.
California, bet Kearny and Grant Ave.—Sidewalks	455.00		445.00		Forward to 1914-15.
Dolores St.—Island Parks	7,000.00	7,035.00		35.00	Completed—12 parks.
Donahue Fountain—Remodeling	2,500.00	168.15	2,331.85		Contract to be let; balance forward to 1914-15.
Fulton, 14th to 23rd Aves., Street and Sewer	4,486.00	4,486.00			Completed paving, etc.
Fulton, Arguello to 14th Ave. etc.	16,166.95	16,166.95			Completed paving, etc.
Fulton St., Stanyan to Arguello; Curbs, etc.	2,000.00	1,998.05	1.95		Completed.
Fulton, Stanyan to 14th Ave.; Sidewalks	3,250.00	3,250.00			Completed.
Fulton, 14th to 25th Aves.; Paving, etc.	16,500.00		16,500.00		Forward to 1914-15; bids ordered.
First St., Market to Mission	8,405.00	8,406.66		1.66	Vitrified brick paving, completed.
14th Ave., bet Lake and Anza; Paving, etc.	9,500.00	9,460.00	40.00		Completed.
14th Ave., Fulton to Anza	3,960.00	2,475.00	1,485.00		Balance forward, 1914-15. Contract under way.
4th St. Bridge—Reconstruction	50,000.00		50,000.00		Forward to 1914-15; plans under way.
4th St. Bridge—Examination	100.00		100.00		Forward to 1914-15; plans under way.
Geary St., 13th to 14th Aves.; Paving, etc.	3,859.30	3,854.30	5.00		Completed.

STREETS, SEWERS, ROADS, BOULEVARDS, BRIDGES, ETC.—Continued.

Purpose of Appropriation.	Appropriation.	Expended.	Surplus.	Deficit.	Remarks.
Geary and 13th Ave., Crossing	958.16	958.16			Completed.
Geary and 30th Ave., Crossing	510.19		510.19		Forward to 1914-15.
Geary, 29th to 30th; Sidewalks	2,200.00		2,200.00		Forward to 1914-15, bids asked.
Garfield Square, Paving	2,600.00	2,444.75	155.25		Completed.
Grove St., Ashbury to Masonic, etc.	2,800.00		2,800.00		Forward to 1914-15 for paving front Lowell High School.
Highland Ave., bet. Mission and Holly Park	745.86	745.86			Completed; part cost out of 1912-1913.
Hydrants, Setting Back	1,777.50	1,642.50	135.00		Balance forward to 1914-15.
Harrison, east of 2nd; Grading	800.00		800.00		Forward from 1912-13; canceled.
Hayes, bet. Masonic and Ashbury	625.00	589.32	35.68		Completed.
Island Parks, Dolores St.	1,500.00		1,500.00		Transferred to 1914-15; plans ready.
Jarnac St. opening (Santa Rosa Ave.)	9,250 00	9,150.00	100.00		Completed.
Junipero Serra, Ocean Ave. to County Line	52,200.00	9,912.97	4,287.03		Transferred to 1914-15.
Lincoln Way, 35th to 41st Aves	6,435.00	6,435.00			Contract under way.
Lincoln Way, 41st to Great Highway	14,500.00	13,197.59	1,302.41		Filling in northerly line.
Lincoln Way, 36th to 41st Aves	4,000.00		4,000.00		Completed.
Mission Bells and Signs, Repairing	150.00	145.75	4.25		Carried over to 1914-15.
Mission Park, Concrete Copings	900.00		900.00		Transferred to 1914-15.
Mount Vernon Bridge, Painting and Flooring	4,039.00	3,666.36	372.64		Completed.
Masonic Ave., bet. Hayes and Grove	1,400.00	1,312.25	87.75		Completed.
Madrid, bet. Persia and Russia Aves.	2,256.67	2,256.67			Paving front City property.
19th and Kansas, Stairway	500.00	333.98	166.02		Completed.
1st Ave., California and Lake Sts.	600.00		600.00		Forward to 1914-15. Paving front City property.

Ocean Ave., San Jose Ave. Westerly	11,500.00	8,719.53	2,780.47	Completed.
Park St., bet. Leese and Holly Park Circle	1,140.00	834.52	305.48	Transferred from 1912-13. Comp.
Palm Ave., Geary to Euclid	170.00		170.00	Transferred to 1914-15.
Plymouth Ave., Grafton to Minerva	8,000.00	1,950.00	6,050.00	Trans. to 1914-15; contract let.
Safety Station, Post and Market	1,200.00		1,200.00	Trans. to 1914-15; contract let.
Rock Bunker and Elevator: Street Repair	1,975.00	1,892.00	83.00	Trans. from 1912-13. Completed.
Rock Crusher: Street Repair	1,935.00	1,935.00		Trans. from 1912-13. Completed.
San Bruno Ave., 25th to Oakdale	16,000.00	15,538.25	461.75	Paving; bal. for'd to 1914-15.
San Bruno Ave., 25th to Army	425.00	425.00		Completed.
San Bruno Ave., Dwight to R. R. Ave.	4,258.65	4,258.65		Paving completed.
Sacramento, Sansome to Leidesdorff	161.85	161.85		Trans. from 1912-13 completed.
Safety Station Market and Stockton	1,500.00	1,110.00	390.00	Completed, removal from W. side.
Street Signs, Purchase and Installation	2,500.00	666.10	1,833.90	Contract awarded, bal. to 1914-15.
Sloat Boulevard, Maintenance	3,500.00	754.00	2,746.00	Balance forward to 1914-15.
16th Ave., Fulton to Cabrillo; Paving	1,164.76	1,164.76		Front school lot.
San Jose Ave., Ocean to Havelock	4,500.00	4,325.00	175.00	Front Balboa Park, bal. forward.
Sidewalks front Home Park	850.00		850.00	For'd to 1914-15; contract let.
Shotwell St., adjacent to 15th; Paving	10,000.00	1,604.27	8,395.73	For'd to 1914-15; contract let.
Shotwell St., adjacent to 15th; Damages	1,182.00	1,182.00		Completed.
17th St., Bryant to Hampshire; Paving	3,000.00		3,000.00	Forward to 1914-15.
Stockton St., Geary to Post	1,350.00		1,350.00	Forward to 1914-15. Reducing sidewalks.
Corporation Yard, Shop Bldgs. for Rep. Dept.	20,000.00		20,000.00	Forward to 1914-15. Plans under way,
Treat Ave., 25th to 26th; Paving	1,480.00	1,404.00	76.00	Completed.

STREETS, SEWERS, ROADS, BOULEVARDS, BRIDGES, ETC.—Continued.

Purpose of Appropriation.	Appropriation.	Expended.	Surplus.	Deficit.	Remarks.
13th Ave., bet. Balboa and Cabrillo	3,700.00	3,611.20	88.00		Completed.
13th Ave., bet. Lake and Clement....	5,500.00	5,457.50	42.50		Completed.
13th Ave., Clement to Anza, etc.....	6,072.50	5,553.00	519.50		Bal. for'd to 1914-15; under way.
13th Ave., bet Fulton and Cabrillo	2,400.00	2,340.00	60.00		Completed.
23rd St., Potrero to Vermont	4,600.00	3,614.24	985.76		Completed. Front S. F. Hospital, paving.
30th Ave., California to Clement, Paving, etc.	923.57	886.88	36.69		Balance forward to 1914-15.
22nd Ave., California to Lake	600.00		600.00		Forward to 1914-15, City property.
25th Ave., California to Lake.....	700.00		700.00		Forward to 1914-15; schol property
31st Ave., California to Clement	750.00	685.00	65.00		Completed. Front City property.
3rd Street Bridge, Repairs.....	6,149.00	2,419.59	3,729.41		For'd to 1914-15; work under way.
Bemis St., Constructing Drains.....	1,200.00	855.10	344.90		For'd to 1914-15; work under way.
Sewer Work Front City Property.....	8,908.78	6,744.89	2,163.89		$1,289.50 carried over from 1912-1913. Balance forward to 1914-15.
Crescent Ave. to Islais Creek, Sewer	200.00	200.00			Completed.
47th Ave. Sewer, Fulton to Cabrillo	1,005.05	982.90	22.15		Trans. from 1912-13; completed.
Islais Creek Culvert	500.00		500.00		Forward to 1914-15.
Oxygen Helmets for Sewer Dept.	826.00	810.00	16.00		$600 transferred from 1912-13.
Sewers, Cleaning and Repairing	147,000.00	146,778.99	221.01		$3,050 forward to 1914-14 for purchase of equipment.
Street Cleaning and Sprinkling	350,600.00	347,540.05	3,059.95		Contract awarded. Balance forward to 1914-15.
Vitrified Brick, Purchase of	41,320.00	11,310.00	30,010.00		
Van Ness Ave. Sewer, Reconstruction	2,500.00	2,499.69	.31		Completed by Sewer Dept.
Washington St., Kearny to Brenham Place	517.50	497.50	20.00		Sidewalks Portsmouth Square.
	$1,748,540.79	$1,437,762.76	$310,883.31	$105.28	

RECAPITULATION

Apparent Surplus	$310,883.31
Apparent Overdraft	105.28
Apparent Net Surplus	$310,778.03
Less transfer forward to 1914-15	301,898.57
Net surplus returned to General Fund	$ 8,879.46

CONTRACTS AWARDED—WORK COMPLETED OR UNDER WAY—EXPENSE BORNE OUT OF GENERAL FUND.
WORK FRONT OF CITY PROPERTY.

Location of Work	Contractors	Amount Paid on Contract	Class of Work
Crossing Cabrillo and 15th Avenue	Frans & Johnson	$ 14.71	Sewer and manhole.
24th Ave. Northerly from Anza	Thos. A. Clark	68.80	Reconstruction sewer and manhole.
36th Ave. between Geary and Anza	Owen McHugh	175.00	Construction 8" sewer.
Crossing 24th and Balboa	Thos A. Clark	1875	Construction sewer and manhole.
Lyell St. from Bosworth, Southerly	Williams & Finnegan	9.50	12" sewer (connecting with outlet).
37th Ave. between Balboa and Cabrillo	Felix McHugh & Son	265.00	18" ironstone sewer.
Fulton between 12th and 13th Aves	Fay Improvement Co.	300.00	Sewer.
Crossing Fulton and 12th Ave	Fay Improvement Co.	200.00	Sewer.
Crossing 37th Ave. and Cabrillo	Felix McHugh & Son	30.00	Sewer and manhole.
Clement St. between 36th and 37th Aves	Boston Investment Co	378.75	12" sewer.
Clement St. between 37th and 38th Aves	Boston Investment Co	371.25	12" sewer.
Crossing 36th Ave. and Cabrillo	Felix McHugh & Son	26.25	Sewer and manhole.
Crossing 9th Ave. and Lawton	City Street Improvement Co	87.50	Sewer.
Lyon between Greenwich and Lombard Sts	J. J. Dowling Co	420.00	Sewer and manhole.
Grove St. between Masonic and Ashbury	City Street Improvement Co	495.00	Sewer.
Crossing Anza and 24th Ave	Thos. A. Clark	18.75	Sewer.
Crossing 9th Ave. and Moraga	City Street Improvement Co	87.50	Sewer.
Crossing 46th Ave. and Sutro Heights Ave	Felix McHugh & Son	157.50	12" ironstone sewer.
Crossing Balboa and 25th Ave	Panama Construction Co	11.40	Sewer.
Cambridge St. bet. Silliman and Pioche	Markle & Roberts	485.00	8" vitrified ironstone sewer.
Crossing 18th and Rivera	Franks & Johnson	2.87	Sewer.
Crossing 27th Ave. and Cabrillo	State Improvement Co	14.26	Sewer.
18th Ave. bet. Balboa and Cabrillo	City Street Improvement Co	225.00	Sewer.
Fulton bet. 24th and 25th Aves	City Street Improvement Co	275.00	Sewer.
Texas bet. 19th and 20th	Thos. A. Clark	15.30	Sewer.
Crossing 24th Ave. and Fulton St	City Street Improvement Co	175.00	Sewer.
23rd St. Westerly from Carolina	Church & Clark	20.00	Sewer.
Crossing 9th Ave. and Noriega	Fay Improvement Co	100.00	Sewer and asphalt pavement.

Crossing 8th Ave. and Ortega	State Improvement Co.	3.80	Sewer.
14th Ave. bet. Fulton and Cabrillo	Edward C. Moran	495.00	Sewer.
Crossing Anza and 14th Ave.	J. J. Dowling & Co.	77.00	Sewer.
Crossing Plymouth and Minerva	Edward C. Moran	30.00	Sewer.
Minerva St., Capitol to Plymouth	Edward C. Moran	171.00	Sewer.
Crossing Douglass and Elizabeth	Flinn & Treacy Con. Co.	266.08	Asphalt pavements, curbs and cesspool.
Crossing Buena Vista Ave. and Waller	Flinn & Treacy Con. Co.	485.00	Pavement and granite curbs.
12th Ave. bet. Geary and Anza	Flinn & Treacy Con. Co.	406.50	Pavement, etc. (fire lot).
12th Ave. bet. Geary and Anza	Flinn & Treacy Con. Co.	406.50	Pavement, etc. (school lot).
Lincoln Way bet. 31st and 32nd Aves.	Sunset Construction Co.	480.00	Filling to support curb.
Lincoln Way bet. 32nd and 33rd Aves.	Sunset Construction Co.	480.00	Filling to support curb.
19th Ave. bet. California and Clement	P. J. Gartland	805.11	Asphalt pavement and granite curbs.
21st Ave. bet. Fulton and Cabrillo	City Street Improvement Co.	195.60	Asphalt and basalt pav. and granite curbs.
Gough bet. Sacramento and Washington	City Street Improvement Co.	390.00	Artificial stone sidewalks.
Sacramento bet. Octavia and Laguna	City Street Improvement Co.	495.00	Artificial stone sidewalks.
Sacramento bet. Octavia and Gough	City Street Improvement Co.	495.00	Artificial stone sidewalks.
Broad St. bet. Capitol and Plymouth	City Street Improvement Co.	187.00	Bitumen pavement, concrete curbs, etc.
Westerly half of crossing 13th and Cabrillo	City Street Improvement Co.	495.00	Bitumen pavement.
Westerly half of crossing 13th and Cabrillo	City Street Improvement Co.	460.00	Grading, granite curbs, artificial stone sidewalks, etc.
Crossing Crescent Ave. and Mission	City Street Improvement Co.	60.00	Catchbasin, culvert, etc.
Crossing Lyon and Filbert Streets	J. J. Dowling & Co.	765.70	Granite curbs, artificial stone sidewalks, asphalt pavement, etc.
Crossing 12th Ave. and Anza	J. J. Dowling & Co.	59.21	Granite curbs, artificial stone sidewalks, asphalt pavement, etc.
Approach of crossing Lyon and Filbert	J. J. Dowling & Co.	68.00	Catchbasin, asphalt pavement, etc.
Crossing 33rd Ave. and Balboa	Owen McHugh	250.00	Improvement.
33rd Ave. bet. Geary and Anza	Owen McHugh	450.00	Improvement.
Crossing 33rd Ave. and Anza	Owen McHugh	250.00	Improvement.
33rd Ave. bet. Anza and Balboa	Owen McHugh	450.00	Improvement.
Crossing 14th Ave. and Geary, N.E. ¼	City Street Improvement Co.	495.00	Improvement.
18th Ave. bet. Balboa and Cabrillo	City Street Improvement Co.	270.00	Curb.
18th Ave. bet. Balboa and Cabrillo	City Street Improvement Co.	495.00	Pavement.

WORK FRONT OF CITY PROPERTY—Continued.

Location of Work	Contractors	Amount Paid on Contract	Class of Work
Crossing 14th Ave. and Geary, S.E. ¼	City Street Improvement Co	455.00	Improvement.
Crossing Andover and Tompkins	Fay Improvement Co	98.00	Catchbasin and culvert.
33rd Ave. bet. Fulton and Cabrillo	Owen McHugh	142.00	Grading, 8", 15" and 18" ironstone sewer.
30th Ave. California to Clement	City Street Improvement Co	187.50	Curb.
21st Ave. bet. Fulton and Cabrillo	Sunset Construction Co	105.00	Grading and ironstone sewer.
Crossing 13th Ave. and Fulton	City Street Improvement Co	495.00	Improvement.
Grove St. bet. Masonic and Ashbury	City Street Improvement Co	495.00	Grading.
Crossing 18th Ave. and Balboa	City Street Improvement Co	115.00	Improvement.
25th Ave. bet. Ulloa and Vincente	E. J. Gallagher	375.00	Grading, curbs, broken rock pavement and artificial stone sidewalks.
25th Ave. bet. Ulloa and Vincente	E. J. Gallagher	375.00	Grading, curbs, broken rock pavement and artificial stone sidewalks.
Osage Alley bet. 25th and 26th Sts	Flinn and Treacy	300.00	Concrete curbs, asphalt pavement.
Crossing 24th Ave. and Anza	Thos. A. Clark	90.00	Pavement, curb, etc.
W. S. 30th Ave. bet. California and Clement	D. L. Bienfield & Co	826.88	Asph. pavement and art. stone sidewalks.
18th Ave. bet. Balboa and Cabrillo	City Street Improvement Co	300.00	Grading.
19th Ave. bet. California and Lake	Flinn and Treacy	488.50	Artificial stone sidewalks.
Crossing 43rd Ave. and Irving	Blanchard-Brown Co.	26.09	Improvement.
Crossing Bartlett and 22nd, Agassiz School	City Street Improvement Co	470.00	Artificial stone sidewalk.
Madrid, bet. Persia and Russia	Flinn and Treacy	486.75	Grading.
Russia Ave. bet. Edinburgh and Madrid	Flinn and Treacy	265.00	Grading.
Sacramento bet. Drumm and East	City Street Improvement Co	186.00	Curb and artificial stone sidewalk.
Bay View bet. Flora and Pomona	City Street Improvement Co	495.00	Curb and artificial stone sidewalk.
Hoffman Ave. bet. Alvarado and 23rd	J. J. Dowling & Co	142.34	Granite curbs and asphalt pavement.
Crossing 8th Ave. and Lawton	City Street Improvement Co	75.00	Improvement.
E. S. 8th Ave. 225 ft. North'ly from Lawton	P. J. Gartland	495.00	Improvement.
E. S. 8th Ave. 225 ft. So'ly from Kirkham	P. J. Gartland	495.00	Improvement.
Crossing 31st Ave. and Geary	D. L. Bienfield & Co	82.50	Asph. pavement, granite curbs, sidewalk.
Crossing 26th Ave. and Anza	D. L. Bienfield & Co	13.99	Pavement, etc.

3rd Ave. bet. Parnassus and Irving	Raisch Improvement Co.	175.00	Improvement.
Corbin Place bet. Corbett Ave. and 17th	G. H. Gray	218.50	Concrete steps and coping.
30th Ave. bet. Geary and Clement (E. ½)	D. L. Bienfield & Co.	250.00	Grading and filling.
29th Ave. bet. Geary and Clement (W ½)	D. L. Bienfield & Co.	350.00	Grading and filling.
23rd and De Haro Sts.	City Street Improvement Co.	75.00	Filling.
W. S. 24th Ave. bet. California and Lake	A. W. Osborn	300.00	Artificial stone sidewalk.
Crossing of 15th and Beaver	City Street Improvement Co.	236.23	Improvement.
De Haro bet. 22nd and 23rd	City Street Improvement Co.	127.50	Grading.
Crossing 37th Ave. and Geary	City Street Improvement Co.	103.50	Improvement.
Crossing De Haro and 23rd	City Street Improvement Co.	15.00	Improvement.
W. S. 42nd Ave. bet. Irving and Judah	W. F. Kane	365.00	Concrete curb and art. stone sidewalk.
Crossing 13th Ave. and Geary	Fay Improvement Co.	958.16	Asph. pavement, curb, art. stone sidewalk, etc.
Crossing 15th and Beaver	City Street Improvement Co.	54.00	Extra work.
Crossing Geary and 24th Ave	D. L. Bienfield & Co.	71.37	Asph. pavement, granite curbs and artificial stone sidewalks.
Crossing Geary and 30th Ave.	D. L. Bienfield & Co.	510.19	Catchbasin, granite curbs and artificial stone sidewalks.
22nd Ave. bet. California and Clement	City Street Improvement Co.	187.50	Curb.
18th Ave. bet. California and Lake Sts.	Franks & Johnson	271.88	Sidewalk.
Edinburgh bet. Persia and Russia	Flinn and Treacy	496.25	Grading.
9th Ave. bet. Ortega and Pacheco	City Street Improvement Co.	450.00	Pavement and curb.
Crossing Excelsior and London	Flinn and Treacy	204.00	Improvement.
Crossing Persia and Moscow	Flinn and Treacy	451.00	Improvement.
San Bruno Ave. bet. Army and 25th Sts.	Federal Construction Co.	425.00	Grading, paving, curbing, etc.
Fulton St. bet. 14th Ave and Arguello	City Street Improvement Co.	15,674.45	Asphalt pavement, concrete manhole, etc.
Lincoln Way, 41st Ave to Great Highway	Flinn and Treacy	12,692.59	Asphalt pavement and granite curbs.
Dolores St. bet. Market and 29th Sts.	J. G. Harney	6,700.00	Construction of Island Parks.
23rd St. bet. Potrero and Vermont	Blanchard-Brown Co.	3,589.24	Asphalt pavement, granite curbs, catch-basins, etc.
East ½ Treat Ave. bet. 25th and 26th	P. J. Gartland	1,404.00	Asphalt pavement.

WORK FRONT OF CITY PROPERTY—Continued.

Location of Work	Contractors	Amount Paid on Contract	Class of Work
North ½ Park St. bet. Leese and Holly Park Circle	P. J. Gartland	829.52	Asphalt and basalt pavement and granite curbs.
Highland Ave. bet. Mission and Holly Park Circle	P. J. Gartland	703.66	Granite curbs, asphalt pavement.
Lincoln Way bet. 35th and 41st Aves	Sunset Construction Co.	6,435.00	Filling.
Carl St. bet. Willard and Arguello	Fay Improvement Co.	1,514.39	Asphalt pavement.
Hayes St. bet. Masonic and Ashbury	City Street Improvement Co.	574.32	Pavement.
Geary St. bet. 13th and 14th Aves	Blanchard-Brown Co.	3,694.30	Asph. pavement, granite curbs and artificial stone sidewalks.
13th Ave. bet. Balboa and Cabrillo	Fay Improvement Co.	3,533.70	Grading, asph. pavement and granite curbs.
13th Ave. bet. Lake and Clement	Fay Improvement Co.	5,332.50	Asphalt pavement, granite curbs.
Anza bet. 13th and 14th Aves and 13th Ave. bet. Anza and Balboa	Fay Improvement Co.	6,113.86	Asphalt pavement, granite curbs and artificial stone sidewalks.
14th Ave. bet. Lake and Anza	Fay Improvement Co.	9,360.00	Grading, asphalt pavement, granite curbs.
N. ½ Ocean Ave. front of Balboa Park	Flinn and Treacy	8,492.03	Asphalt pavement, concrete curbs.
Buena Vista Ave. bet. Buena Vista Terrace and Java	Flinn and Treacy	9,028.62	Asphalt pavement, granite curbs.
16th Ave. bet. Fulton and Cabrillo	J. J. Dowling	1,164.76	Asph. and basalt pavement, granite curbs.
N. ½ Geary bet. Presidio Ave. and Josephine	City Street Improvement Co.	192.02	Pavement.
Buena Vista Ave. bet. Duboce and Haight Street	Flinn and Treacy	1,946.25	Sidewalks.
Fulton bet. Stanyan and 14th Ave.	F. F. Moore	3,059.00	Sidewalks.
13th Ave. bet. Cabrillo and Fulton	Owen McHugh	2,280.00	Asphalt pavement and concrete curbs.
Masonic Ave. bet. Hayes and Grove	Flinn and Treacy	1,289.75	Asphalt pavement.
Crossing 14th Ave. and Anza	J. J. Dowling & Co.	604.40	Pavement.
San Jose Ave. bet. Ocean Ave. and Havelock	Owen McHugh	4,167.50	Pavement.
Junipero Serra Boulevard bet. Ocean Ave. and the County line	City Street Improvement Co.	9,517.97	Pavement.

13th Ave. bet. Clement and Anza	Fay Improvement Co	5,508.00	Asphalt and granite curbs.
Greenwich bet. Webster and Moulton	M. Schlosser	858.60	Curbing and sidewalks.
Washington St. bet. Kearny and Grant Ave	McCabe and Brown	497.50	Artificial stone sidewalks, resetting granite curbs.
31st Ave. bet. California and Clement	J. F. Dowling	667.50	Asphalt pavement, granite curbs.
14th Ave. bet. Fulton and Anza	Sunset Construction Co.	2,475.00	Grading.
Plymouth Ave. Crafton to Minerva	Owen McHugh	1,950.00	Grading.
Madrid St. Persia to Russia	Flinn and Treacy	2,256.67	Pavement.
14th Ave. Balboa to Cabrillo	E. C. Moran	495.00	Sewer.
Crossing 14th Ave and Balboa	E. C. Moran	275.00	Sewer.
		$163,658.15	

MISCELLANEOUS CONTRACTS—STREETS AND SEWERS.

Location of Work	Contractors	Amount Paid on Contract	Class of Work
Crossing Park Hill Ave. and 15th St.	Flinn and Treacy	$ 50.00	Moving cesspools.
Crossing Mission and Mohawk	Church and Clark	50.00	Resetting catchbasin and curb.
Crossing Geary and Presidio Ave.	City Street Improvement Co.	60.00	Manhole and storm water inlet.
Geary St. opposite Presidio Ave.	City Street Improvement Co.	69.00	New curb.
O'Farrell bet. Stockton and Powell	Contra Costa Construction Co.	100.00	Relaying high-pressure pipe.
Various locations—May and June	Spring Valley Water Co.	1,642.50	Setting back hydrants.
San Bruno Ave. 25th to Oakdale	G. W. McGinn & Co.	15,058.25	Asphalt pavement.
Sacramento, Sansome to Leidesdorff	Williams and Finnegan	161.85	Pavement.
San Bruno Ave. Dwight to R. R. Ave.	Williams and Finnegan	4,258.65	Grading.
Harrison bet. 25th and 26th Sts.	Flinn and Treacy	2,414.75	Resetting granite curbs.
Bosworth St. bet. Lyell and San Miguel	Church and Clark	3,170.56	Pavement, curbs, sidewalks, etc.
Shotwell bet. 14th and 15th and 15th bet. Shotwell and Folsom	Fay Improvement Co.	1,494.27	Improvement.
Crossing Sunnyside Ave. and Edna	State Improvement Co.	300.00	Stormwater culvert and catchbasins.
Equipment and Improvement Corp. Yard	Frank M. Garden Co.	1,911.10	Asphalt plant, buildings, hoppers, bins, etc.
Safety Station Market and Stockton	J. P. M. Phillips	995.00	Removal to east side Stockton St.
Rock Bunker and Elevator Street Repair	McSheehy Bros.	1,892.00	Construction at Alameda and Alabama Sts.
Rock Crusher Street Repair	A. L. Young Machinery Co.	1,935.00	Rock crusher and elevator pump, etc.
Jarnac St. Opening	Robert C. Storrie & Co.	8,700.00	Abutments under S. P. tracks.
Street Signs	Power Equipment Co.	593.60	Purchase and installation.
Equipment Street Cleaning Department	Studebaker Bros. Co.	1,780.00	Two combination street flushers and sprinklers.
Equipment Street Cleaning Department	A. L. Young Machinery Co.	1,985.00	Two combination street flushers and sprinklers.
Equipment Street Cleaning Department	P. J. Mehegan	1,000.00	Four can route wagons.
Equipment Street Cleaning Department	A. L. Young Machinery Co.	258.00	Twelve sanitary hand machines.
Equipment Street Repair Department	A. L. Young Machinery Co.	1,897.50	Five-ton tandem steam roller.
Vitrified brick—Street Repair	Denny-Henton Clay & Coal Co.	2,610.00	For paving 3rd and 6th Sts., first payment.
		$54,387.03	

MISCELLANEOUS CONTRACTS—STREETS AND SEWERS—EXPENSE BORNE OUT OF GENERAL FUND.
WORK UNDER WAY—NO PAYMENTS MADE.

Location of Work	Contractor	Amount of Contract	Class of Work—Remarks.
Corporation Yard Improvement	Southern Pacific Co.	$ 2,400.00	Spur tracks.
Home Park—Harrison and Sterling	C. A. De Camp	840.00	Retaining wall and sidewalks.
Redressing Basalt Blocks	P. J. Gartland	1,374.00	Street Repair Department.
		$4,614.00	

REPAIRS TO, CONSTRUCTION AND RE-CONSTRUCTION OF PUBLIC BUILDINGS.

Purpose Intended.	Appropriation.	Expended.	Surplus.	Overdraft.	Remarks.
General Repairs to Buildings	$ 13,837.00	$ 13,817.43	$ 19.57		
Fire Department Buildings—Repairs	19,776.35	19,636.45	139.90		
Fire Boats—Drydocking, painting	1,498.00		1,498.00		Forward to 1914-15.
Fire Engine House, No. 24, Hoffman and Alvarado	27,417.74	26,789.95	627.79		
Central Fire Alarm Station—Plans	6,000.00	5,978.00	22.00		Forward to 1914-15.
Central Fire Alarm Station—Construction	36,500.00	5,009.93	31,490.07		Forward to 1914-15. Contract awarded.
Fire Houses—General Plans	1,008.87	931.85	77.02		Forward balance to 1914-15. Transfer $2,008.87 from 1912-13.
Fire Boat Station, No. 1, Hose Rack	156.02	149.08	6.94		Transfer from 1912-13. Complete.
Chemical Engine No. 12, Water Supply	2,298.00		2,298.00		Transfer from 1912-13. Reverted to General Fund.
Fire Engine No. 3, Lighting Fixtures	360.00	356.65	3.35		
Fire Department Drill Tower, Repairs	2,400.00	2,391.42	8.58		
Fire Engine No. 26, Repairs	848.71	97.36	751.35		Balance transferred to General Fund (Fire Department).
Fire Engine No. 38, Repairs	80.40	5.00	75.40		Transferred from 1912-13.
Fire Engine No. 5, Underpinning	137.64	70.00	67.64		Transferred from 1912-13.
Fire Engine No. 48, Construction, etc.	31,855.00	18,129.80	13,725.20		Balance forward to 1914-15. Contract under way.
Fire Engine No. 12, Plans	5,351.00	2,266.50	3,084.50		Balance forward to 1914-15.
Fire Engine No. 12, Construction	55,959.00	1,125.00	54,834.00		Balance forward to 1914-15. Contracts entered into.
Fire Engine No. 12, Moving Temp. Blds	875.00	847.32	27.68		
Furniture Fund, Board of Supervisors	2,082.05	2,320.51		238.46	Miscellaneous work authorized.
Hall of Justice Garage	24.62	10.00	14.62		Transferred from 1912-13.
Hall of Records, Wiring and Heating	830.00	811.31	18.69		Completed.

Isolation Hospital, Cottage Repairs	207.79	207.50	.29		Transferred from 1912-13.
Isolation Hospital, " Reconstruction	2,800.00	2,805.43		5.43	Completed.
Isolation Hospital, Improvements	5,000.00		5,000.00		Transferred to 1914-15.
County Jail Repairs	1,750.00	1,738.93	11.07		
County Jail Sidesewer	120.00	117.88	2.12		
New County Jail, Painting Ironwork	1,385.48	1,368.72	16.76		
Health Board Bldg., Heating, Painting, etc	633.15	617.98	15.17		$108.15 carried over from 1912-13.
Central Emergency Hospital, Interior Painting	250.00	246.33	3.67		
Bureau of Engineering, Cases and Shelves	32.21	20.00	12.21		Transferred from 1912-13.
La Conte School, Temporary Building	3,500.00	3,490.09	9.91		Completed.
Police Department, Building Repairs	6,550.00	6,532.14	17.86		
Harbor Police Station Construction	35,973.33	36,017.10		43.77	Transferred from 1912-13. Forwarded to 1914-15; appropriation to cover deficit.
Poles and Sockets, Police Barriers	425.00	277.50	147.50		
Potrero Emergency Hospital (architectural services)	990.00	540.00	450.00		Transfer to 1914-15.
Polytechnic High School Completion	165,000.00		165,000.00		Transfer to 1914-15.
Relief Home Boilers	13,773.00	13,066.60	706.40		Transferred from 1912-13. Completed.
Relief Home Hospital	25,486.44	25,264.64	221.80		Transfer from 1912-13. Completed.
Relief Home Water Supply	5,386.17	5,163.59	228.58		Transfer from 1912-13. Completed. Balance forward to 1914-15.
Relief Home, Moving Pumps	120,00	120.00			
Relief Home Chapel	14,271.55	11,955.98	2,315.57		Transfer from 1912-13. Balance forwarded to 1914-15.
Removal of Shacks	500.00	40.25	459.75		Transfer from 1912-13. Forward to 1914-15.
Relief Home, Painting Exterior	6,000.00	5,968.44	31.56		

REPAIRS TO, CONSTRUCTION AND RE-CONSTRUCTION OF PUBLIC BUILDINGS—Continued.

Purpose Intended.	Appropriation.	Expended.	Surplus.	Overdraft.	Remarks.
Relief Home, Repairs Buildings	750.00	693.96	56.04		Forward to 1914-15.
Relief Home, Outlet Sewer	600.00	635.50		35.50	
School Repairs and Reconstruction	89,685.00	89,551.70	133.30		
Yerba Buena School Fund	785.00	785.00			Transfer from 1912-13. Contract completed.
Agassiz School Fund	1,120.00	1,120.00			Transfer from 1912-13. Contract completed.
Washington Grammar School	1,300.00	1,258.00	42.00		Excavation and bitumen work.
Washington Irving School	2,075.00	2,074.48	.52		Moving temporary building.
Yerba Buena School	3,440.00	2,430.00	1,010.00		Fire escapes; balance forward 1914-15.
Yerba Buena School	900.00	893.60	6.40		Sidewalks.
	$600,104.52	$315,744.90	$284,682.78	$323.16	

RECAPITULATION

Apparent Surplus	$284,682.78
Apparent Overdraft	323.16
Apparent Net Surplus	$284,359.62
Less accounts forwarded to 1914-15	279,244.73
Net Surplus	$ 5,114.89

MISCELLANEOUS CONTRACTS—BUILDINGS—EXPENSE BORNE OUT OF GENERAL FUND.
WORK UNDER WAY—PAYMENTS TO DATE.

Building.	Character of Work.	Contractor.	Amount of Contract.		Paid to Date.
Central Fire Alarm Station	General Contractor	Clinton Fireproofing Co.	$ 36,500.00		$ 5,009.93
Fire Engine House No. 12 (Drumm and Commercial)	Plumbing and Gasfitting	S. W. Bond	6,400.00		
	Brickwork	T. E. Davis & Son	13,014.00		
	Electric Wiring	National Electric Co.	1,060.00		
	General Construction	C. L. Wold	35,485.00		1,125.00
	Architectural Services	Ward & Blohme	2,700.00		2,160.00
Fire Engine House No. 48	General Construction	Newsom, Wold, Kohn Co.	29,555.00		17,163.00
Engine House No. 24	General Construction	Commary-Petersen Co	33,262.00	Completed	33,190.00
Harbor Police Station	General Construction	O. C. Holt	33,480.00	Completed	33,480.00
Relief Home Chapel	General Construction	J. W. Carr	9,482.00	Completed	9,482.00
Relief Home Water Supply	Boring and Drilling Wells	Pacific Drilling and Prospecting Co	4,775.00	Completed	4,756.83
Relief Home Boilers	Installation Boilers and Accessories	Pacific Fire Extinguishing Co.	12,863.00	Completed	12,563.00
Relief Home Hospital	General Construction	Jas. L. McLaughlin	46,960.00	Completed	46,938.00
Agassiz School	Wrought Iron Fence	Calif. Artistic Metal and Wire Co.	1,120.00	Completed	1,120.00
			$266,656.00		$166,987.76

BUILDING REPAIRS—SCHOOL DEPARTMENT BUILDINGS—EXPENSE BORNE OUT OF GENERAL FUND.

Building	Contractor	Amount	Class of Work
Horace Mann School	D. J. & T. Sullivan	$ 400.00	Raising building.
Starr King School	D. J. & T. Sullivan	250.00	Moving portable buildings.
Spring Valley School	D. J. & T. Sullivan	35.00	Moving portable buildings.
Glen Park School	D. J. & T. Sullivan	250.00	Moving buildings.
Columbus School	D. J. & T. Sullivan	225.00	Moving buildings.
Monroe School	D. J. & T. Sullivan	280.00	Moving buildings.
Yerba Buena School	L. W. Fleigner	785.00	Fence.
Agassiz School	Cal. Artistic Metal & Wire Co.	1,120.00	Fence.
Hearst School	S. F. Iron Works	420.00	Fence.
James Lick School	Fay Improvement Co.	755.00	Yard work.
Kate Kennedy School	Fay Improvement Co.	195.00	Yard work.
Miscellaneous Schools	Wm. Bateman	1,149.00	Millwork.
Miscellaneous Schools	Smith & Johnson	292.00	Plastering.
Miscellaneous Schools	R. W. McDaniel	162.00	Chimneys.
Miscellaneous Schools	Lewson Roofing Co.	1,628.50	Roofing.
Miscellaneous Schools	Fay Improvement Co.	167.50	Yard work—asphalt.
Roosevelt School	Moore & Scott Iron Works	350.00	Fire escapes.
Washington Irving School	J. G. Harney	250.00	Leveling lot.
Washington Irving School	D. J. & T. Sullivan	625.00	Moving buildings.
Washington Irving School	Sidesewer Dept.	54.05	Install sidesewer.
Bay View School	Independent Roofing & Paving Co.	70.00	Roofing.
Washington Grammar Schools	Fay Improvement Co.	217.00	Yard work.
Le Conte School	Wm. Bateman	175.00	Millwork.
Le Conte School	Sidesewer Dept.	24.75	Install sidesewer.
Le Conte School	Spring Valley Water Co.	30.00	Install water service.
		$9,909.80	

BUILDING REPAIRS—POLICE DEPARTMENT BUILDINGS—EXPENSE BORNE OUT OF GENERAL FUND.

Building	Contractor	Amount Paid on Contract	Class of Work
North End Police Station	Wm. Bateman	$ 290.00	Lockers.
Harbor Police Station	O. C. Holt	195.55	Extras.
Harbor Police Station	Roberts Manufacturing Co.	435.70	Lighting fixtures.
Richmond Police Station	Wm. Bateman	80.00	Wainscoting.
Richmond Police Station	Smith and Johnson	60.00	Plastering.
Miscellaneous Police Stations	Wm. Bateman	112.00	Lockers.
City Prison	Electric Appliance Co.	43.55	Conduit, etc.
City Prison	Pacific States Electric Co.	42.65	Fixtures, etc.
		1,259.45	

BUILDING REPAIRS—FIRE DEPARTMENT BUILDINGS—EXPENSE BORNE OUT OF GENERAL FUND.

Building	Contractor	Amount Paid on Contract	Class of Work
Water Tower No. 2	Porcelith Co.	$ 50.00	Painting.
Drill Tower Fire Dept.	Moore & Scott Iron Works	449.00	Fire escapes.
Drill Tower Fire Dept.	D. J. & T. Sullivan	90.00	Straightening up tower.
Engine House No. 1	E. H. Richardson	35.00	Tile work in shower.
Engine House No. 3	Telephone Elect. Equipment Co.	33.14	Lighting fixtures and wiring.
Engine House No. 3	Pacific States Electric Co.	104.01	Lighting fixtures and wiring.
Engine House No. 4	Pacific States Electric Co.	56.34	Wiring and fixtures.
Engine House No. 12	D. J. Sullivan	280.00	Moving buildings.
Engine House No. 24	Commary and Peterson	72.00	Extra work.
Engine House No. 26	Rector System Gas Heating Co.	307.00	Radiators and motors.
Engine House No. 41	Independent Roofing Co.	112.00	Asphalt roofing.
Miscellaneous Engine Houses	Lawson Roofing Co.	145.00	Roofing.
Miscellaneous Engine Houses	Spring Valley Water Co.	40.00	Service.
		$1,773.49	

BUILDING REPAIRS—MISCELLANEOUS BUILDINGS—EXPENSE BORNE OUT OF GENERAL FUND.

Building	Contractor	Amount Paid on Contract	Class of Work
Miscellaneous Buildings	Lawson Roofing Co.	$ 467.50	Roofing.
Juvenile Detention Home	Wm. Bateman	26.00	Doors and Windows.
Board of Health Building	Gas and Electric Appliance Co.	65.40	Radiators.
County Jail	J. W. Schouten & Co.	206.65	Fences.
Isolation Hospital Cottage	McSheehy Bros.	207.50	Extras.
Hall of Records	Rector System	528.00	Heating system.
Isolation Hospital Cottage	Smith and Johnson	239.00	Plastering.
Isolation Hospital Cottage	Wm. Bateman	211.25	Mill work.
Isolation Hospital Cottage	Keystone Ornamental Iron Works	21.75	Repolish electric fixtures.
Hospital Infirmary	Jas. McLaughlin	516.90	Extras.
Hospital Infirmary	D. N. & E. Walter	73.50	Window shades.
Hospital Infirmary	Roberts Manufacturing Co.	259.05	Fixtures.
Infirmary Chapel	J. W. Carr	63.00	Extras.
Infirmary Chapel	Whittaker & Ray—Wiggins Co.	787.50	Extras.
		$3,673.00	

BOND ISSUE ACCOUNTS

SUMMARY OF EXPENDITURES—COMPLETED AND

STREETS AND

Location of Work	Contractor	Contract for
Courtland Ave. Sewer	Corrill Bros.	Outlet Sewer
Kentucky and R. R. Ave. bet. Fairfax Ave. and Islais Creek	Karl Ehrhart	Sewers & appurtenances..
*Brannan St., 1st to Central Plc...	C. J. Harney	Sewers & appurtenances..
*Mission and 29th, Virginia Ave. to Army	F. E. Hilmer	Sewers & appurtenances..
*26th Ave. Fulton to Cabrillo	Karl Ehrhart	Sewers & appurtenances..
*Tonquin bet. Baker and Pierce Sts.	Corrill Bros.	General Construction and appurtenances
	Pan. Pac. Exp. Co.	Extra Construction and appurtenances
*Ottawa and San Jose to Winnipeg..	J. H. Belser	Sewer
Baker's Beach Outfall Sewer	L. H. Westdahl	Hydrographic data
*Pierce—Bay to Lewis	State Const. Co.	Sewer
Plans Sewers: General	Direction City Engineer	Sewer
*Harbor View District	Direction City Engineer	Plans—Sewers
Baker, Tonquin to Bay	Healy-Tibbitts Con. Co.	Sewer
G. G. Park, 30th Ave. and Lincoln Way to 26th Ave. and Fulton	Owen McHugh	Sewer
4th and Brannan Sewer	R. C. Storrie Co.	Overflow Structure
7th and Locksley Ave. "L" to "N" Sts.	Karl Ehrhart	Sewers
Commercial St. Pumping Station....	Davis-Rogers Co.	Pumps and Motor
*Market St. Sewer	Thos. J. Tully	Judgment old 1907 acct.
Junipero Serra Boulevard	State Impr. Co.	Sewer
*O'Farrell, Powell to Jones St.	Fay Impr. Co.	Pavement

Note.—

† Total expended is inclusive of all accounts (carried forward) to date of report.

* Carried over from previous fiscal year.

SERIES 1904.

PROGRESSIVE WORK—CONTRACTS AWARDED

SEWERS

Appropriation	Estimated Amount of Contracts	†Expended to June 30, 1914	Balance	Remarks
$ 10,800.00	$ 10,060.68	$ 10,580.02	$ 219.98	Completed.
26,000.00	24,734.40	24,988.37	1,011.63	Completed.
46,000.00	43,545.65	45,427.78	572.22	Completed.
18,208.32	16,764.32	18,208.32		Completed.
36,000.00	34,653.50	35,667.72	332.28	Completed.
	24,408.34			Completed.
26,000.00	490.00	21,200.14	4,799.86	Completed.
2,510.16	2,148.85	2,510.16		Completed.
250.00	250.00	250.00		Completed.
60,000.00	53,846.00	57,096.71	2,903.29	Completed.
15,000.00	15,000.00	11,368.28	3,631.72	Carried forward.
600.00	600.00	600.00		
30,000.00	28,512.00	29,512.28	487.72	6th payment, balance forward.
16,000.00	14,940.60	15,972.56	27.44	Completed.
9,800.00	4,230.00	7,332.28	2,467.92	Completed.
23,000.00	19,800.00	20,137.32	2,862.68	Completed.
2,500.00	2,294.00	2,445.00	55.00	Completed.
9,000.00	9,000.00	9,000.00		Res. No. 10,738 Mch. 16, 1914.
23,000.00	21,165.00		23,000.00	Fordwarded.
14,000.00	12,421.36	13,757.44	242.56	Completed. Ford. from 1912-13.
$368,668.48	$338,873.70	$326,054.38	$42,614.30	

BOND ISSUE ACCOUNTS

BUILD

Location of Work	Contractor	Contract for
Glen Park School	Carnahan & Mulford	General Construction
*Columbus School	Carnahan & Mulford	General Construction
Edison School	Manson Bros.	General Construction
Edison School	Manson Bros.	Reshingling Roof
Edison School	Manson Bros.	Pergola

Note.—

† Total expended is inclusive of all accounts (carried forward) to date of report.

* Carried over from previous fiscal year.

SERIES 1904.

INGS.

Appropriation	Estimated Amount of Contracts	†Expended to June 30, 1914	Balance	Remarks
84,500.00	82,424.00	61,074.50	25,425.50	8th payment authorized.
74,500.00	72,354.00	50,384.75	24,115.25	6th payment authorized
53,000.00	50,677.00	52,764.35	235.65	Final payment authorized.
806.20	806.20	806.00	.20	Completed.
1,282.88	1,282.88		1,282.88	Forward 1914-15.
$214,089.08	$207,544.08	$165,029.60	$51,059.48	

BOND ISSUE ACCOUNTS—SERIES 1908

School.	Contractor.	Contract for.	Appropriation.
*Girls' High	Whitaker & Ray & Wiggin Co	Blackboards	$ 386,670.00
Oriental	Albert Pissis	Architectural Services	7,200.00
	Elmer Carlson	General Construction	
	Butte Eng. & Elec. Co.	Electric Wiring	
	Scott Co	Heating and Ventilating	
	Chas. Wright	Plumbing and Gasfitting	120,800.00
Cooper	Houghton Sawyer	Architectural Services	5,600.00
	Herman Lawson	Plumbing and Gasfitting	
	J. E. O'Mara	Heating and Ventilating	
	H. S. Tittle	Electric Wiring	
	C. L. Wold	General Construction	97,500.00
*Starr King	Robert Trost	General Construction	
	Robert Trost	Plastering	
	Jno. G. Sutton Co.	Heating and Ventilating	
	Stand. Elec. Constr. Co.	Electrical Work	
	The Turner Co.	Plumbing	65,000.00
*Washington Irving	Direction Architects	Plans, etc	4,000.00
	Butte Eng. & Elec. Co.	Electrical Work	
	Alex. Coleman	Plumbing and Gasfitting	
	F. M. Garden Co.	General Construction	
	Herman Lawson	Heating and Ventilating	80,000.00
*Lowell High	Elmer Carlson	Extra Work	346,519.50
*Glen Park	Direction Architects	Plans	3,950.00
*Miscellaneous Bldgs.	Direction Architects	Plans	93,500.00
Marshall Primary	Alex. Coleman	Plumbing and Gasfitting	
	Decker Elec. Co.	Electrical Work	
	R. Ringrose & Son	General Construction	
	Victor Engr. Co.	Heating and Ventilating	
	Chas. P. Weeks	Architectural Services	82,874.29
Miscellaneous	Demands by Bd. Super.	Lands, etc	10,480.33
Starr King	Board of Education	Equipment	818.84
Marshall		Rearrangement Auditorium	1,200.00
			$1,306,112.96

The schools prefixed thus (*) were in course of construction during the preceding not completed prior to June 30, 1913. The full amount of each contract is set forth.

Under the caption "Total Expended" the figures shown are inclusive of office aggregate to June 30, 1914.

SCHOOL CONSTRUCTION ACCOUNT.

Estimated Amount of Contract.	Payments on Contract.	† Total Expended to June 30, 1914.	Balance Unexpended.	Remarks.
$ 4,675.00	$ 4,675.00	$386,039.39	$ 630.61	Completed.
6,200.00	4,028.40	4,028.40	3,171.60	2nd payment.
87,285.00	3,702.00			1st payment.
2,387.00				Under way.
3,260.00				Under way.
5,200.00		3,759.34	117,040.66	Under way.
5,600.00	4,464.00	4,464.00	1,136.00	3rd payment.
6,865.00				Under way.
4,433.00				Under way.
2,776.00				Under way.
80,180.00		40.50	97,459.50	Under way.
46,980.00	46,980.00			Completed.
3,871.00	3,871.00			Completed.
2,830.00	2,830.00			Completed.
1,924.00	1,924.00			Completed.
4,870.00	4,870.00	64,992.92	7.08	Completed.
4,000.00	2,124.10	2,124.10	1,875.00	Forwarded.
2,060.00				
4,746.00				
64,544.00	3,750.00			1st payment.
2,985.00		4,773.23	75,226.77	Balance forwarded.
1,339.50	1,339.50	345,881.49	638.01	Completed.
3,950.00	1,088.87	1,088.87	2,861.13	Forwarded.
93,500.00	91,775.86	91,775.86	1,724.14	Forwarded.
6,072.00	2,964.00			2nd payment.
2,260.00	651.00			1st payment.
62,187.00	24,591.00			4th payment.
2,733.00	450.00			1st payment.
2,291.60	2,291.60	37,042.09	45,832.20	Balance forwarded.
10,480.33	10,480.33	10,480.33		
			818.84	Credit to Board of Education.
			1,200.00	Balance forwarded.
$532,484.43	$218,850.66	$956,490.52	$349,622.44	Balance forwarded.

fiscal year. The contracts listed in the above report are those in which the work was

expenses, inspection and incidentals and extras, since the inception of the work, in their

BOND ISSUE—SERIES 1908.

Location of Work.	Contract for.	Appropriation.
*General Plans, etc	Direction City Engineer	$ 3,279.94
*Golden Gate Park and Forty-eighth ave	F. Rolandi	198,000.00
*Purchase and Laying 24" Pipe, Richmond and Sunset Districts, and Commercial and Stockton Streets	U. S. C. I. Pipe Co U. S. C. I. Pipe Co Contra Costa Construction Co	39,300.00
Visitacion Valley	Gorrill Bros	106,800.00
Mile Rock Tunnel	Edward Malley	220,000.00
Division Street, Section A	Contra Costa Construction Co	2,000.00
48th Ave. and Fulton Pumping Station	Davis Rogers Co	7,500.00
Pumping Station Machinery	Davis Rogers Co	11,500.00
Lincoln Way and Twentieth Ave	Board of Public Works	300.00
		$588,679.94

* Note.—The work prefixed thus (*) was in course of construction during the work was not completed prior to June 30, 1913. The full amount of each contract is

Note.—Under the caption "Total Expended" the figures shown are inclusive of office aggregate to June 30, 1914.

SEWER CONSTRUCTION ACCOUNT.

Estimated Amount of Contract.	Payments on Contract.	† Total Expended to June 30, 1914.	Balance Unexpended.	Remarks.
		$ 3,279.94		For. from 1912-13. Compltd.
$185,767.00	$189,910.20	197,935.00	$ 65.00	Bal. forwarded; 14th paymt.
3,042.00	1,967.11			Completed.
21,651.00	14,156.07			Completed.
15,907.00	15,772.77	38,803.79	496.21	Completed.
104,300.90	61,686.03	65,782.03	41,017.97	Bal. forwarded; 8th paymt.
193,314.00	1,122.30	2,276.05	217,723.95	Bal. forwarded; 1st paymt.
2,000.00	2,000.00	2,000.00		Settlement in full of account.
6,980.00			7,500.00	Forwarded.
10,948.00			11,500.00	Forwarded.
300.00		300.00		Completed.
$544,209.90	$286,614.48	$310,376.81	$278,303.13	

preceding fiscal year. The contracts listed in the above report are those in which the set forth.

expenses, inspection and incidentals and extras, since the inception of the work, in their

BOND ISSUE—SERIES 1908.

Location of Work.	Contractor.	Contract for.	Appropriation.
S. F. Hospital	*Smith & Johnson	Plastering	Part of General
	*Olney & Palmer	Painting Main Group	$ 30,000.00
	*Yale & Towne Mfg. Co.	Hardware	Part of General
	D. N. & E. Walter	Linoleum and Shades	16,036.00
	Bureau of Architecture	General Plans	2,500.00
	Church & Clark	Yard Work	14,500.00
	**Church & Clark	Removal of Surplus Earth	8,686.00
	Miscellaneous Contracts	General Work	1,673,833.38
			$1,745,555.38

Total Bonds Authorized	
Total derived from sale of bonds	
Expended (Audited) Board of Public Works	
Liabilities—Contracts and extras due	
Expended for plans (old account)	
Transferred Account Infirmary	
Miscellaneous Expense Board of Supervisors	
Lands	
Apparent deficit	

† Note.—The contracts entered into and completed prior to June 30, 1913, are not penses and extras in the total expenditures to June 30, 1914.

* Under way during previous fiscal year and carried forward.

** Covered by Appropriation from 1913 Bond Account.

HOSPITAL CONSTRUCTION ACCOUNT.

Estimated Amount of Contract.	Payments on Contract.	† Total Expended to June 30, 1914.	Balance Unexpended.	Remarks.
$ 57,329.00	$ 57,296.00			Completed.
24,900.00	24,900.00	$ 27,193.88	$ 2,806.12	Balance forwarded.
5,727.00	4,275.00			2nd payment.
16,036.00	9,621.00	10,290.19	5,745.81	2nd paymt.; bal. forwarded.
	2,496.85	2,496.85	3.15	Balance forwarded.
13,999.00	12,999.00	12,999.00	1,501.00	Bal. forwarded; 3rd paymt.
8,686.00	2,142.00	2,142.00	6,544.00	1st payment; bal. forwarded.
		1,683,042.89		Appropriation to cover.
$126,677.00	$113,729.85	$1,738,164.81	$ 16,600.08	

		$2,000,000.00
		2,099,627.60
	$1,738,164.81	
	14,459.00	
	13,872.44	
	118,126.22	
	3,387.83	
	218,929.49	2,106,939.79
		$ 7,312.19 Will be covered by 1913 Issue.

listed. The total cost of these items is included, however, together with all incidental ex-

BOND ISSUE SERIES:

Location of Work	Contractor	Appropriation
*Multi-State Turbine Pumps	Byron Jackson Iron Works	$ 257,000.00
*Cast Iron Pipe	U. S. C. I. P. & Foundry Co	Out of "Purchase Cast Iron Pipe," etc.
*Cast Iron Specials	Enterprise Foundry Co.	2,400,000.00
*Pumping Station No. 2		300,525.00
General Construction	Caldwell & Co.	
Structural Steel and Iron	Judson Manufacturing Co.	
Mechanical Equipment	C. C. Moore Co.	
*Twin Peaks Reservoir		195,000.00
General Construction	Healy-Tibbitts Co.	
*Manhole Frames, Covers, etc.	Ajax & Vulcan Iron Works	25,000.00
*Bolts, Nuts, Tie Rods, etc.	Miscellaneous	136,500.00
*Hauling and Laying Pipe VI	Contra Costa Construction Co.	188,841.77
*Hauling and Laying Pipe Van Ness Av.	Edward Malley	22,562.70
*Hauling & Laying Pipe thru Ft. Mason.	Contra Costa Construction Co.	6,917.59
*Unloading, Storing and Testing	Direction Board of Public Works	88,000.00
*Plans Auxiliary Water Supply	Direction Board of Public Works	204,215.93
*Jones St. Reinforced Tank		48,000.00
General Construction	Central Cal. Const. Co.	
Valves, Pipe, etc.	Union Machine Co.	
Repair Side Sewers	Direction Board of Public Works	323.45
Watchmen Pipe Yard	Direction of Board Public Works	540.00
*Ashbury Heights Pump House	T. W. McClenahan	3,480.45
Purchase C. I. Pipe		2,000.00
		$3,878,933.89
Totals Expended Previously Reported as Completed		
Grand Total Expended		

Note.—Accounts prefixed thus (*) are for contracts which were under way during completed prior to June 30, 1913. The full amount of expenditures to date is set forth.

FIRE PROTECTION ACCOUNT.

Estimated Amount of Contract.	Payments on Contract.	† Total Expended to June 30, 1914.	Balance Unexpended.	Remarks.
$ 122,220.00	$ 122,148.00	$ 127,270.88	$129,729.12	Completed.
79,000.00	29,982.51			Completed; bal. to General Account.
120,000.00	119,975.59	2,224,037.90	175,962.10	Completed; bal. to General Account.
		278,005.62	22,519.38	$525 for retaining walls.
110,000.00	128,617.37			Completed.
9,145.00	9,067.00			Completed.
140,000.00	126.000.00			5th payment.
		179,299.99	15,700.01	Bal. to General Account.
158,143.00	153,088.83			Completed.
25,000.00	22,967.70	22,967.70	2,032.30	Completed; bal. to General Account.
136,500.00	136,491.34	136,491.34	8.66	Completed; bal. to General Account.
159,063.17	172,054.21	188,841.77		Completed.
19,500.00	21,967.70	22,562.70		Completed.
5,400.00	6,528.59	6,917.59		Completed.
		87,981.26	18.74	Completed.
		204,215.93		Completed.
		43,618.63	4,381.37	Completed.
30,300.00	26,461.57			Completed.
14,186.00	11,248.52			Completed.
		323.45		Completed.
		540.10		Completed.
27.00	27.00	3,480.45		Completed, extra in full.
2,000.00			2,000.00	Forwarded to 1914-15.
$1,130,484.17	$1,086,625.93	$3,526,555.31	$352,351.68	
		2,051,518.50		
		$5,578,073.81		

the previous fiscal year. The contracts listed are those in which the work was not

GARBAGE DISPOSAL SYSTEM, BOND ISSUE 1908

June 30, 1914.

Bonds authorized		$ 1,000,000.00
Bonds sold	$872,000.00	872,000.00
Premium	65,104.00	
Available from sales	$937,104.00	$128,000.00
Bonds to be sold		128,000.00
Expenditures to June 30, 1914. (Board of Supervisors)		
Sanitary Reduction Works	$350,000.00	
Lot, Islais Creek	15,000.00	
Lot North Beach	80,000.00	
Appraisements and Incidentals	850.28	
Miscellaneous Expense	1,721.30	
		447,571.58
Expenditures to June 30, 1914 (Board of Public Works)		
Plans, Specifications, Experts, etc.	$22,288.15	
Foundation Piers, Islais Creek	11,951.90	
*Incinerator Plants (Destructors) Islais Creek at North Beach	250,077.73	
*Islais Creek Incinerator Construction	78,091.62	
Water Mains, Kansas St.	230.38	
		362,639.78
		$810,211.36
Balance (obligation) Purchase Price due on property		50,000.00
		$860,211.36

RECAPITULATION

Available from bonds sold and premium	937,104.00
Bonds to be sold (no premium estimated)	128,000.00
	$1,065,104.00
Total expenditures and liabilities	860,211.36
Available for future disposition, June 30, 1914	$ 204,892.64

For explanation of contracts see next page.

BOND ISSUE 1908—GARBAGE DISPOSAL SYSTEM.

Explanation of Contracts.

Location of Work.	Contractor.	Estimated Amount of Contract.	Expended on Contract.	*Total Expended to June 30,1914.	Remarks.
Incinerator North Beach	Destructor Co.	$126,525.00	$ 43,194.26		8th partial payment.
Incinerator, Islais Creek	Destructor Co.	118,166.00	85,699.51	$137,773.72	12th partial payment.
Islais Creek, Grading and Piers	Mercer-Fraser Co.	12,429.00	11,951.90	11,951.90	Completed.
Islais Creek, Steel Work	Judson Mfg. Co.	8,000.00	6,356.00		Completed.
Islais Creek, General Construction	McLean, Haggans & Aden Co.	65,155.00	61,838.16	77,926.95	Completed.
		$330,275.00	$209,039.83	$227,652.57	

*Inclusive of all inspection and incidental expenses.

BOND ISSUE SERIES 1910:

Location of Work	Contractor	Contract for	Appropriation
Academic Building....	*Newson, Wold & Kohn Co...	General Construction	Part of Gen.
	*Jas. H. Pinkerton.....	Plumbing and Gas Fitting..	$ 15,000.00
	*F. P. Walsh.....	Heating and Ventilating.....	10,000.00
	§Cal. P. & W. G. Co.....	Glazing and Skylights.....	1,222.00
	‡Miscellaneous	Sundries	
			$26,222.00

Total Bonds Authorized and Sold.....	
Premiums	
Total Available from all Sources.....	
Appropriation—General	
Plumbing	
Heating and Ventilating.....	
Glazing, etc.	
Plans	
Department of Education Equipment.....	
For future disposition	

* Contracts entered into previous to July 1, 1913.

‡ Not controlled by Board of Public Works.

§ New appropriation made during this fiscal year.

† Total expended inclusive of all incidentals, extras, etc., since the inception of the

POLYTECHNIC HIGH SCHOOL CONSTRUCTION

Amount of Contract	Payments of Contract	†Total Expended to June 30, 1914	Balance Unexpended	Remarks
$219,752.00	$212,000.00	$212,000.00	$ 7,752.00	Final on con. extras still due
14,081.00	9,600.00	10,143.90	4,856.10	4th payment.
9,453.00	6,345.00	6,345.00	3,655.00	3rd payment.
1,222.00			1,222.00	Forwarded.
		1,156.80		Equipment.
$244,508.00	$277.945.00	$229,645.70	$ 17,485.10	

		$600,000.00
		1,758.00
		$601,758.00
	$470,615.03	
	15,000.00	
	10,000.00	
	1,222.00	
	20,000.00	
	25,000.00	541,837.03
		$ 59,920.97

work in their aggregate to June 30, 1914.

BOND ISSUE—SERIES 1910

WATER CONSTRUCTION ACCOUNT

Nature of Work.	Appropriation.	*Total Expended to June 30, 1914	Balance Unexpended	Deficit.	Remarks.
General Investigation of Sources, etc.	$ 79,500.00	$139,001.99		$59,501.99	Forward in total from 1912-13
Lake Eleanor	45,000.00	24,841.44	$20,158.56		
Investigating Claims, S. V. W. Co.	1,400.00	1,400.00			
Investigating McCloud River Project	500.00	500.00			
Sundries through Board of Supervisors	3,620.75	3,620.75			
Purchase of Gauging Apparatus and Instruments	5,000.00	613.01	4,386.99		
Engineers' Appraisal, S. V. W. Co.	3,500.00	3,500.00			
Hydrographic Data, Hetch-Hetchy, General	5,000.00	574.25	4,425.75		
Hydrographic Data, Hetch-Hetchy, U. S. Government	5,000.00		5,000.00		
Roads and Trails, Hetch-Hetchy Valley	15,000.00	10,654.75	4,345.25		
'Phone Lines, Hamilton to Portulaca	1,500.00	1,024.31	475.69		
Testing Wells, Richmond and Sunset Districts	2,500.00	979.56	1,520.44		
	$167,520.75	$186,710.06	$40,312.68	$59,501.99	

Other Expenditures Prior to 1914-15 from all sources	$ 67,416.20
Purchasing Lands	652,000.00
Total Expenditures through Board of Public Works	$906,126.26

Bonds Authorized	$45,000.000
Bonds Sold	1,272,000
Bonds Unsold	$43,728,000

* NOTE.—The Bond Issue Accounts are treated as revolving accounts and credits; surplus and deficits are not chargeable against any one fiscal year. Appropriations may be made at a subsequent date to cover any prior deficit.

GEARY STREET MUNICIPAL RAILWAY

Bonds Authorized:			
Geary Street	$1,900,000.00		
Market Street Extension	120,000.00		
	2,020.000.00		
Bonds Sold	1,969,000.00	Plus Premiums $2,341.50	Total Available, $1,971,341.50
Bonds to be Sold	51,000.00		

APPROPRIATIONS WHEREIN THERE WILL BE NO FURTHER EXPENDITURES

CLOSED ACCOUNTS

Purpose of Appropriation.	Amount of Appropriation.	Expended.	Surplus.	
Purchase of Steel Rails and Freight on same	$130,000.00	$116,620.08	$13,379.92	
Rail Joints and Fastenings	18,000.00	17,935.00	65.00	
Tubular Steel Trolley Poles No. 1	19,000.00	18,773.80	226.20	
Copper Wire	8,000.00	6,850.83	1,149.17	
Rail Bonds No. 1	5,000.00	4,422.50	577.50	
Redwood Cross Ties No. 1	18,050.00	18,049.32	.68	
Tie Plates and Rail Spikes No. 1	9,000.00	8,498.70	501.30	
Hauling Rails	6,000.00	5,710.83	289.17	
Hauling and Piling Ties	2,000.00	2,028.79	28.79	Deficit
Tie Rods and Nuts No. 1	3,000.00	2,022.79	977.21	
Curves, Switches, etc.	60,000.00	45,713.00	14,287.00	
Copper Wire	3,300.00	3,188.05	111.95	
Tie Plates No. 2	2,350.00	2,326.91	23.09	
Redwood Cross Ties No. 2	7,000.00	6,071.75	928.25	
Tie Rods and Nuts No. 2	700.00	656.25	43.75	
Trolley Poles No. 2	3,509.00	3,509.00		
Rail Bonds No. 2	1,650.00	1,495.70	154.30	
Salary of Superintendent	1,169.32	1,199.30	29.98	Deficit
Rail Spikes No. 2	427.50	427.50		
City Engineer's Salary (part)	1,250.00	1,250.00		
Track Specials	11,694.00	10,956.00	738.00	
Paving Geary St. bet. Buchanan and Divisadero	6,380.00	6,380.00		
Underground Conduit	34,000.00	32,442.26	1,557.74	
Plans Extensions	2,000.00	2,000.00		

Trolley Poles and Overhead Wires	30,000.00	28,145.30	1,854.70
Track Construction Market and Kearney to Sutter	27,000.00	26,514.49	485.51
Lubricating Oil House	1,150.00	1,000.00	150.00
Motor Generator Set	3,117.00	3,117.00	
Track Construction and Paving Right-of-Way	438,000.00	437,451.95	548.05
City's Portion Market St. Tracks, Sansome to Embarcadero	19,518.74	19,518.74	
Track Construction 33rd Ave. Westerly	40,000.00	38,457.18	1,542.82
Electric Power Conductors	66,000.00	62,998.49	3,001.51
Paving Geary St. and Presidio Ave.	1,800.00	1,800.00	
	$980,065.56	$937,531.51	$42,534.05

OPEN ACCOUNTS

Purpose of Appropriation.	Appropriation.	Expended.	Outstanding Liabilities.	*Total Expended.	Balance Available.
Plans, Specifications, etc.	$32,250.00	$31,614.65		$31,614.65	$635.35
Installing Header Blocks	10,000.00	1,035.03		1,035.03	8,964.97
Car Barn Construction	247,000.00	230,429.70	$1,249.00	231,678.70	15,321.30
Extra Parts and Equipment	15,885.00	7,275.27		7,275.27	8,609.73
Purchase of Cars	350,000.00	304,203.47	44,500.00	348,703.47	1,296.53
Machine Shop Equipment	18,026.00	615.25	15,813.75	16,429.00	1,597.00
Car Barn Extension Construction	175,000.00	39,032.67	131,717.88	170,750.55	4,249.45
Masonic Ave. Branch Construction	25,000.00	12,821.88	12,178.12	25,000.00	
	$873,161.00	$627,027.92	$205,458.75	$832,486.67	$40,674.33

* Inclusive of all Contracts, estimated bonuses, etc., less credits.

RECAPITULATION.

	Appropriation.	Expended.	Balance Available.
Closed Accounts	$ 980,065.56	$ 937,531.51	$42,534.05
Current (Open) Accounts	873,161.00	832,486.67	40,674.33
	$1,853,226.56	$1,770,018.18	$83,208.38

Total Bonds sold plus premium		$ 1,971,341.50
Total appropriated to Board of Public Works		1,853,226.56
		118,114.94
Less amount expended by Board of Supervisors for land	$159,377.52	
Less amount expended by Board of Supervisors for miscellaneous	4,306.62	
Expense of City Attorney's trip to Washington	500.00	
Expense of City Attorney's litigation	2,007.05	
Portion of B. J. Arnold's fee for Report on Cars	1,171.50	
		167,362.69
Apparent Overdraft		49,247.75
Returnable from balances available open and closed accounts		83,208.38
Returned to Fund Miscellaneous Credits		4,213.67
		38,174.30
Estimated to complete equipment		14,115.00
Reserve for future disposition		24,059.30
Bonds unsold may be applied		51,000.00
Total in reserve for future disposition		$ 75,059.30

BOND ISSUE 1912—CITY HALL AND

Account	Contractor	Contract for	Appropriation
City Hall	U. S. Steel Products	Structural Steel	$ 377,874.24
	Railroads	Freight on Steel	104,500.00
	Blume Contracting Co	Erecting Steel	80,600.00
	McGilvray-Raymond Co.	Granite Work	991,313.00
	McGilvray-Raymond Co.	Carving Pediments	45,931.00
	Bakewell & Brown	Architectural Fees	141,000.00
	Clinton Fireproofing Co	Concrete Work, etc.	189,250.00
	Direc. Consulting Architects	Inspection	12,000.00
	Brandon & Lawson	Brick and Terra Cotta	33,450.00
	Brandon & Lawson	Masonry	119,800.00
	Sound Con. & Eng'nrng. Co.	Foundations and Excavations	47,000.00
	Contra Costa Const. Co	Grading	23,950.00
	Bakewell & Brown	Models in Stone	5,000.00
	Alexander Coleman	Plumbing, etc.	56,406.00
	Cornelius Collins	Metal Furring, etc.	55,860.00
	Robt. Dalziel Jr. Co	Heating and Ventilating	55,217.00
	Newbery-Bendheim Co.	Electrical Work	77,000.00
	Scott Co.	Water System	13,475.00
	J. Musto-Keenan Sons	Marble Work	234,860.00
	C. C. Morehouse	Plastering	106,550.00
			$2,771,036.24

CIVIC CENTER CONSTRUCTION ACCOUNT.

Estimated Amount of Contract.	Payments on Contract.	†Total Expended to June 30, 1914.	Balance Unexpended.	Remarks.
$ 357,941.00	$ 346,039.30	$ 372,503.28	$ 5,370.96	20th Payment.
104,500.00	104,180.68	104,180.68	319.32	Balance Forwarded.
80,000.00	62,862.55	63,012.55	17,587.45	8th Payment.
991,313.00	132,750.00	132,750.00	858,563.00	3rd Payment.
45,931.00	16,375.29	16,375.29	29,555.71	5th Payment.
157,500.00	141,000.00	141,000.00		7th Payment.
189,250.00	93,000.00	93,000.00	96,250.00	4th Payment.
12,000.00	3,472.85	3,472.85	8,527.15	Balance Forwarded.
33,450.00			33,450.00	Under Way.
119,800.00	17,250.00	17,250.00	102,550.00	3rd Payment
44,882.00	43,453.88	43,716.88	3,283.12	Completed.
23,950.00	22,975.60	23,652.20	297.80	Completed.
5,000.00	2,464.80	2,464.80	2,535.20	Balance Forwarded.
54,614.00	18,802.50	20,593.50	35,812.50	6th Payment.
55,860.00			55,860.00	Under Way.
55,217.00	90,000.00	90,000.00	46,217.00	2nd Payment.
77,000.00	17,250.00	17,250.00	59,750.00	3rd Payment.
13,475.00			13,475.00	Under Way.
234,860.00			234,860.00	Under Way.
106,550.00			106,550.00	Under way.
$2,763,093.00	$1,030,877.45	$1,060,222.03	$1,710,814.21	

BOND ISSUE 1912—CITY HALL AND CIVIC

Account.	Contractor.	Contract for	Appropriation.
Civic Center..	Wm. Bruce	Razing Burnet Building	1,735.00
	Williams & Finnegan	Crushing Brick Old City Hall	33,000.00
	Enrico Biggio	Crushing Brick Old City Hall	
	Sound Construction Co.	Moving High School of Commerce	153,456.56
	Direct. Consulting Architects..	Plans, Development, etc.	7,500.00
	Direct. Board of Supervisors..	Appraisements, Sundries, etc.	10,000.00
	Direct. Pan-Pac. Exposition..	Auditorium Granite	210,024.00
	T. W. McClenahan & Co.	Works of Art	12,312.00
		Walks, Grading, etc.	43,552.00
	Direction Park Commission..	Planting Trees, etc.	8,136.00
			$3,250,751.80

Expenditures: Board of Supervisors and Contracts Completed.

Lands Purchased	$4,610,075.40
*Appraisements (Less Recordation Above)	8,486.71
Title Insurance	13,381.95
Leasehold Interests	80,632.14
Architects' Retaining Fees	15,625.00
Payments to Architects	20,000.00
Testing Soil	1,611.45
Moving Fire House	2,037.88
Assessment District and Work (appropriation only)	2,500.00
Total Appropriations and Incidentals	$8,005,102.33

Bonds Authorized	
Bonds Sold	
Bonds Unsold	
Bonds Sold	
Premiums (Net)	
Miscellaneous Receipts	
Bonds to be sold	
Total to be available (Estimated)	
Total Appropriations and Expended	
Balance (Estimated) available for completion	

CENTER CONSTRUCTION ACCOUNT—Continued.

Estimated Amount of Contract.	Payments on Contract.	†Total Expended to June 30, 1914.	Balance Unexpended.	Remarks.
1,735.00	1,735.00	1,735.00		Completed.
30,000.00	1,823.00			Contract Cancelled.
25,000.00	11,683.35	13,661.20	19,338.80	4th Payment.
151,000.00	150,140.00	152,402.79	1,053.77	Contract Completed.
7,500.00		7,419.13	80.87	Balance Forwarded.
		9,993.47	6.53	By Board Public Works.
			210,024.00	
			12,312.00	
54,860.00		228.45	43,323.55	Under Way.
8,136.00			8,136.00	Under Way.
$3,041,324.00	$1,196,258.80	$1,245,662.07	$2,005,089.73	

	$8,800,000.00
	748,000.00
	$1,320,000.00

	$7,480,000.00
	113,194.67
	48,982.97
	$7,642,177.64
	$1,320,000.00
	$8,962,177.64
	8,005,102.33
	$ 957,075.31

BOND ISSUE—SERIES 1913.

Purpose Intended.	Contractor.	Amount of Appropriation.
Repiling Material	Direction City Engineer	$ 1,200.00
Sundries	Direction Board of Supervisors	3,352.56
Purchase of Lands	Direction Board of Supervisors	78,440.39
Steel Rails, Joints, etc.	United States Steel Products Co.	163,618.98
Rail Spikes	United States Steel Products Co.	2,550.00
Tie Rods and Nuts	Paynes Bolt Works	3,514.15
Tie Plates, etc	Eccles & Smith Co.	15,264.32
Redwood Cross Ties	Casper Lumber Co.	37,990.00
Track Specials	United States Steel Products Co.	123,038.00
Car Bodies	Jewett Car Co.	368,750.00
Car Trucks	Baldwin Locomotive Works	76,250.00
Motor Equipment	Westinghouse Electric Co.	290,750.00
Air Brake Equipment	Westinghouse Electric Co.	28,125.00
Plans, Specifications, etc.	Direction Bureau of Engineering	50,000.00
Inspection Construction	Direction Bureau of Engineering	10,000.00
Freight on Material	Transcontinental Railroads	97,000.00
Property Purchase	Presidio & Ferries R. R.	312,535.32
Unloading & Storing R. R. Material	Direction Bureau of Engineering	10,000.00
Underground Elect. Construction	Pacific Gas & Electric Co.	6,000.00
Overhead Electric Conductors	Bay Cities Engineering Co.	5,000.00
Trolley Poles	H. S. Tittle	74,000.00
Underground Conduits	Johns-Manville Co.	9,254.40
Van Ness Ave. and Chestnut Lines	Mahoney Bros.	235,000.00
Copper Rail Bonds	Bell & Jamison	37,600.00
Shop Equipment	Union St. Division	1,375.00
Iron Castings	Enterprise Foundry	2,400.00
Potrero Ave. Line	Eaton & Smith	143,767.80
Purchase of Auto	Bureau of Engineering	700.00
Stockton and Columbus Line	F. Rolandi	134,773.10
Overhead Electric Conductors	H. S. Tittle	39,045.85
Bonding Crossings	United Railroads	685.17
Preliminary Expenses	Elections	26,679.16
Preliminary Expenses	Advertising	785.21
Underground Elect. Material	Standard Underground Cable Co.	33,426.57
Underground Elect. Material	Pacific Fire Extinguisher Co.	26,048.00
		$2,448,918.98

Bonds Authorized .....

Bonds Sold, June 30, 1914 .....

Bonds Unsold .....

Bonds Sold .....

Premiums Obtained .....

Total available to June 30, 1914 .....

Total Expended (Audits) .....

Balance available from bonds sold for current work

Bonds to be sold .....

Total available for completion .....

* This amount may be slightly increased by premiums which may accrue from

MUNICIPAL RAILWAY SYSTEM.

Estimated Amount of Contract.	Payments on Contract.	Total Expended to June 30, 1914.	Balance Unexpended.	Remarks.
		$ 1,200.00		
		3,352.56		Legal services, bonds, etc.
		78,440.39		
$ 150,014.22	$ 149,175.28	149,175.28	$ 14,443.70	Completed.
2,550.00	2,550.00	2,550.00		Completed.
3,514.15	3,514.15	3,514.15		Completed.
15,264.32	15,264.32	15,264.32		Completed.
37,990.00	23,212,04	23,212.04	14,777.96	7th Payment.
123,038.00	68,715.00	68,715.00	54,323.00	6th Payment.
368,750.00			368,750.00	Contract Under Way.
76.250.00	29,000.00	29,000.00	47,250.00	2nd Payment.
290,750.00	65,175.00	65,175.00	225,575.00	6th Payment.
28,125.00			28,125.00	Contract Under Way.
		46,743.23	3,256.77	Balance Forwarded.
		10,991.10	991.10	Deficit in Account.
		80,106.16	16,893.84	Balance Forwarded.
		312,535.32		Complete Purchase.
		7,214.24	2,785.76	Balance Forwarded.
6,000.00	5,785.73	5,785.73	214.27	Completed No. 15.
5,000.00	4,720.36	4,720.36	279.64	Completed No. 14: 5th pt
74,000.00	52,631.30	52.631.30	21,368.70	Contract No. 8 and 16D,
9,254.40			9,254.40	Contract awarded for material No. 10.
234,747.50	110,058.54	110,085.55	124,914.45	3rd Payment.
36,786.00	8,148.22	8,340.61	29,259.39	2nd Payment.
		643.31	731.69	Balance Forwarded.
2,355.00	2,321.21	2,321.21	78.79	Contract Completed.
143,767.80	51,026.68	51,026.68	92,741.12	2nd Payment.
		686.30	13.70	Completed.
134,773.10	923.89	923.89	133,849.21	1st Payment.
39,045.85			39,045.85	Contract under way, No. 25
685.17	685.17	685.17		Completed, Van Ness ave.
		26,679.16		Completed, Van Ness ave.
		785.21		Completed, Van Ness ave.
33,426.57			33,426.57	Contract awarded, No. 11.
25,947.95			26,048.00	Contract awarded, No. 24.
$1,842,035.03	$ 592,906.89	$1,162,503.27	$1,286,415.71	

.....	$3,500,000.00	
.....	1,802,500.00	
.....	$1,697,500.00	
.....		$1,802,500.00
.....		18,333.88
.....		$1,820,833.88
.....		1,162,503.27
.....		$ 658,330.61
.....		1,697,500.00
.....		$2,355,830.61*

unsold bonds or miscellaneous credits from sale of old material, etc.

MUNICIPAL RAILWAY SYSTEM—GENERAL SUMMARY OF

	Total Net Receipts.	Demands Audited.
December, 1912	$ 3,300.60	$ 1,076.78
January, 1913	17,465.35	9,835.90
February, 1913	18,619.90	10,461.93
March, 1913	22,023.20	12,806.46
April, 1913	22,034.65	11,648.81
May, 1913	23,525.25	13,338.10
June, 1913	27,955.00	14,083.35
July, 1913	46,836.50	19,952.82
August, 1913	50,600.65	21,779.84
September, 1913	52,508.65	21,575.48
October, 1913	58,693.05	23,923.79
November, 1913	49,279.60	23,702.76
Less Transferred to Rev. No. 1 "Debit" Acct. Transfers	607.83	607.83
December, 1913	51,823.85	25,750.62
January, 1914	53,644.45	25,134.04
February, 1914	50,958.23	24,152.19
March, 1914	57,427.95	27,472.17
April, 1914	55,442.51	26,557.52
May, 1914	56,991.62	28,631.74
June, 1914	53,958.28	28,804.16
	$772,481.46	$370,080.63

The interest in public utilities being so general, it was deemed advisable to show closed follows.

SUMMARY OF SUPERINTENDENT'S

	Way and Structure
December, 1912	
January, 1913	$ 380.14
February, 1913	306.05
March, 1913	332.35
April, 1913	285.00
May, 1913	292.80
June, 1913	307.25
July, 1913	439.24
August, 1913	690.00
September, 1913	659.55
October, 1913	586.43
November, 1913	462.28
Transferred to Rev. No. 1 "Debit" Account Transfers	
December, 1913	918.18
January, 1914	758.63
February, 1914	1,252.05
March, 1914	1,371.80
April, 1914	579.22
May, 1914	555.64
June, 1914	539.82
	$10,716.43

GEARY STREET DIVISION.

RECEIPTS AND EXPENDITURES.

Excess of Receipts over Expenditures.	Liability Insurance Reserve.	Demands Audited.	Total.	Undistributed Stores on Hand.
$ 2,223.82		$ 1,076.78	$ 1,076.78	
7,629.45		9,835.90	9,791.18	$ 44.72
8,157.97		10,461.93	10,490.14	16.51
9,216.74		12,806.46	12,228.59	594.38
10,385.84		11,648.81	12,240.37	2.82
10,187.15		13,338.10	13,089.51	251.41
13,871.65		14,083.35	13,865.75	469.01
26,883.68		19,952.82	19,966.95	458.88
28,820.81		21,779.84	21,109.14	1,125.58
30,933.17		21,575.48	22,064.27	636.79
34,769.26		23,923.79	23,729.02	831.56
25,576.84		23,702.76	22,839.15	1,695.17
Deducted as shown and not included in totals.		607.83	607.83	
26,073.23		25,750.62	24,912.17	2,533.62
27,901.73	608.68	25,134.04	25,275.60	2,392.06
26,211.34	594.70	24,152.19	24,597.08	1,947.17
29,296.96	658.82	27,472.17	26,367.34	3,052.00
28,237.83	647.16	26,557.52	26,360.67	3,248.85
27,678.06	681.82	28,631.74	28,596.81	3,283.78
24,458.47	695.65	28,804.16	28,825.85	3,262.09
$398,514.00	$ 3,886.83	$370,080.63	$366.818.54	

operations since the inception of the road. The compilation relative to fiscal year just

DISTRIBUTION OF OPERATING EXPENSES.

Equipment.	Traffic.	Conducting Transportation.	General and Miscellaneous.	Total.
$ 100.00		$ 976.78		$ 1,076.78
252.95		8,490.98	$ 667.11	9,791.18
146.32		9,409.52	628.25	10,490.14
668.92		10,697.52	529.80	12,228.59
736.93		10,661.83	556.61	12,240.37
607.77		11,339.98	848.96	13,089.51
650.11		12,276.44	631.95	13,865.75
1,235.36		17,705.64	586.71	19,966.95
1,274.97		18,571.63	572.54	21,109.14
1,252.34	$ 5.50	19,474.10	672.78	22,064.27
1,076.24	40.25	21,176.65	849.45	23,729.02
1,264.21	26.50	20,424.66	661.50	22,839.15
		607.83		607.83
1,298.48	9.50	21,501.73	1,184.28	24,912.17
1,517.24	5.50	21,736.57	1,257.66	25,275.60
2,127.33		20,113.00	1,104.70	24,597.08
1,964.96	5.50	22,076.36	948.72	26,367.34
2,228.76		22,217.52	1,335.17	26,300.67
2,370.60	123.30	23,602.10	1,945.17	28,596.81
2,438.51	327.00	23,786.11	1,734.41	28,825.85
$ 23,212.00	$ 543.05	$315,631.29	$ 16,715.77	$366,818.54

GEARY STREET DIVISION—Continued

DISTRIBUTED INTO THE FOLLOWING PRIMARY ACCOUNTS.

Way and Structure:			
2	Ballast	$ 6.38	
6	Special Work	2.77	
8	Road and Track Labor	1,509.15	
9	Paving	2,064.51	
10	Miscellaneous Roadway and Track Exp.	124.74	
11	Cleaning and Sanding Tracks	5,377.70	
16	Crossings and Signs	2.77	
17	Signal and Interlocking System	2.67	
20	Poles and Fixtures	4.80	
21	Underground Conduits	2.05	
23	Distribution System	24.65	
23d	Overhead Trolleys	1,507.15	
24	Miscellaneous Elec. Line Expense	.40	
25c	Car Houses	30.21	
25d	Shops	1.44	
25h	Miscellaneous Buildings and Structures	55.04	
			$ 10,716.43
Equipment:			
29	Superintendence of Equipment	2,250.00	
32	Passenger Cars	19,312.29	
36	Electric Equipment of Cars	1,480.71	
38	Shop Machinery and Tools	50.81	
39	Shop Expenses	118.19	
			23,212.00
Traffic:			
46	Advertising	543.05	
			543.05
Conducting Transportation:			
48	Superintendence of Transportation	15,030.30	
56	Power Purchased	100,577.15	
60	Conductors and Motormen	5,271.25	
60a	Conductors	84,262.60	
60b	Motormen	80,512.45	
62	Miscellaneous Car Service Employees	734.33	
63	Miscellaneous Car Service Expenses	583.64	
63a	Tickets and Transfers	1,240.10	
63b	Lubricants and Waste	370.82	
63c	Special Agents and Fare Registers	131.80	
63d	Incandescent Lamps	949.95	
63e	Miscellaneous	710.90	
65	Station Expenses	41.70	
66	Car House Employees	23,934.81	
67	Car House Expenses	1,258.19	
72b	Miscellaneous Transportation Expenses	15.30	
			315,631.29

General and Miscellaneous:			
73	Salaries and Expenses General Officers	7,549.71	
74	Salaries and Expenses Gen. Office and Clerks	2,985.20	
75	General Office Supplies and Expenses	343.87	
79	Miscellaneous General Expenses	146.90	
82	Injuries and Damages	927.30	
82a	Personal Injuries	180.00	
82b	Property Injuries	656.18	
82c	Salaries and Miscellaneous Expenses	324.17	
83	Insurance	640.00	
84	Stationery and Printing	2,108.59	
85	Store Expenses	536.05	
86	Stable Expenses	317.80	
			16,715.77

MUNICIPAL RALWAY SYSTEM

GEARY STREET DIVISION

Receipts (July 1, 1913, to June 30, 1914, inclusive		$642,450.74
Total Operating Expenses (Audits)		294,036.22
Excess of Receipts over Expenditures		$348,414.52
Obligatory Charter Charges and Other Reserves:		
Liability Compensation (from Jan. 1, 1914, only)	$ 3,886.83	
Depreciation, Renewals, etc., 18% gross	115,641.13	
Interest on bonds sold—4½%	88,605.00	208,132.96
True Net Profit		$140,281.56
Comparison (only) Charges Required by Charter—Taxes:		
Municipal Franchise 3% on Passenger Revenue	19,224.31	
Municipal Car License $15.00 per annum	645.00	
State Franchise 4¾% on gross revenue	30,516.41	
Federal Income Tax 1% on net income	1,402.81	
Legal and Clerical Service	3,600.00	55,388.52
Net profit after all pseudo charges are included		$ 84,893.03

MUNICIPAL RAILWAY SYSTEM—UNION STREET DIVISION.

GENERAL SUMMARY OF RECEIPTS AND EXPENDITURES.

	*Total Net Receipts	Demands Audited	Excess of Receipts over Expenditures	Liability Insurance Reserve	Demands Audited	Total	Undistributed Stores on Hand
December, 1913	$ 20,209.95	$ 7,537.37			$ 7,537.37	$ 9,916.68	
January, 1914	27,838.35	17,680.83			17,680.83	15,484.62	
February, 1914	26,271.14	14,914.38	$33,377.46	$ 809.40	14,914.38	13,903.50	$ 827.78
March, 1914	29,715.10	12,109.31	17,163.70	442.09	12,109.31	16,387.87	
April, 1914	29,066.10	15,178.51	13,459.11	428.48	15,178.51	15,129.01	
May, 1914	25,427.00	18,694.92	6,299.71	432.37	18,694.92	13,943.90	
June, 1914	27,268.20	14,816.26	12,027.14	424.80	14,816.26	13,929.29	2,236.71
	$185,795.84	$100,931.58	$82,327.12	$2,537.14	$100,931.59	$98,694.87	

SUMMARY OF SUPERINTENDENT'S DISTRIBUTION OF OPERATING EXPENSES.

	Way and Structure	Equipment	Traffic	Conducting Transportation	General and Miscellaneous	Total
December, 1913	$ 309.75	$ 731.07	$6.50	$ 8,503.76	$ 365.60	$ 9,916.68
January, 1914	464.91	1,382.65		13,169.83	467.23	15,484.62
February, 1914	486.72	1,314.83		11,678.74	423.21	13,903.50
March, 1914	1,178.69	1,409.97		13,377.31	421.90	16,387.87
April, 1914	846.88	1,555.14		12,268.99	458.00	15,129.01
May, 1914	450.15	1,318.43		11,738.32	437.00	13,943.90
June, 1914	620.88	1,276.26		11,565.25	466.90	13,929.29
	$4,357.98	$8,988.35	$6.50	$82,302.20	$3,039.84	$98,694.87

*Note.—The gross receipts were $189,536.09, from which was deducted $3,740.25, interest paid to Presidio and Ferries R. R. Co. account deferred purchase payments.

UNION STREET DIVISION—Continued.

DISTRIBUTED INTO THE FOLLOWING PRIMARY ACCOUNTS

Way and Structure				
6	Special Work	$	284.79	
8	Roadway and Track Labor		777.80	
9	Paving		1,580.47	
11	Cleaning and Sanding Tracks		687.95	
23d	Overhead Trolleys		1,026.97	
				$4,357.98
Equipment				
32	Passenger and Combination Cars		3,560.35	
36	Electrical Equipment of Cars		5,406.23	
38	Shop Machinery and Tools		2.96	
39	Shop Expenses		18.81	
				8,988.35
Traffic				
46	Advertising		6.50	
				6.50
Conducting Transportation				
48	Superintendence of Transportation		4,407.30	
56	Power Purchased		19,068.60	
60a	Conductors		26,880.05	
60b	Motormen		26,400.40	
63a	Tickets and Transfers		601.55	
63b	Lubricants and Waste		111.68	
63d	Incandescent Lamps		78.39	
63e	Miscellaneous		67.51	
66	Car House Employees		3,596.05	
67	Car House Expenses		1,090.67	
				2,302.20
General and Miscellaneous				
73	Salaries and Expenses General Officers		1,669.35	
74	Salaries and Expenses General Office		834.70	
82a	Personal Damages		40.00	
84	Stationery and Printing		112.33	
86	Stable Expenses		383.46	
				3,039.84

MUNICIPAL RAILWAY SYSTEM

UNION STREET DIVISION

Original Cost of Road and Equipment (Purchase)		$312,535.32
Receipts (Dec. 11, 1913-June 30, 1914, inclusive)		189,536.09
Total Audits (Operating Expenses)		100,931.58
Excess of Receipts over Expenditures		88,604.51
Interest paid to Presidio and Ferries Company, account deferred payments		3,740.25
Net Excess		84,864.26
Obligatory Charges and Other Reserves;		
Liability Compensation	$ 2,537.14	
Depreciation, Renewals, etc., 18% gross	34,116.50	
Interest on bonds sold, 5% per year	7,614.38	44,268.02
True Net Profit		40,596.24
Comparison (only) Charges Required by Charter:		
Taxes:		
Municipal Franchise, 3% on Passenger Aevenue	$5,675.31	
Municipal Car License $15.00 per annum	240.38	
State Franchise, 4¾% on gross revenue	9,002.96	
Federal Income Tax, 1% on net income	405.96	
Legal and clerical service	900.00	16,224.61
Net profit after all pseudo charges are included		$ 24,371.63

For the purpose of ascertaining the status of the Railway Accounts (in re Charter requirements) the reports of the Superintendent are included and co-ordinated with those of this bureau.

MUNICIPAL WATER WORKS.

TABULATION OF RECEIPTS AND EXPENDITURES JULY 1, 1913, TO JUNE 30, 1914.

Month	Total Income	Water Receipts	Service Connections	Total Receipts	Total Expenditures	Operating Expenses	Betterment and Equipment	Net Loss or Gain Loss	Net Loss or Gain Gain
July, 1913	$ 341.65	$ 422.80	$ 10.00	$ 432.80	$ 578.18	$ 376.53	$201.65	$ 34.88	
August	377.15	329.85	20.00	349.85	521.93	393.18	128.75	16.03	
September	370.35	324.90		324.90	423.88	383.43	40.45	13.08	
October	375.50	336.55		336.55	399.98	396.08	3.90	20.58	
November	366.10	427.00	10.00	437.00	360.15	336.25	23.90		$ 29.85
December	497.01	455.36	10.00	465.36	315.77	315.77			181.24
January, 1914	365.70	349.65	10.00	359.65	332.38	320.38	12.00		45.32
February	362.65	346.25	20.00	366.25	640.84	443.84	197.00	81.19	
March	349.75	361.00	20.00	381.00	353.58	353.58		3.83	
April	365.10	355.45	10.00	365.45	351.44	351.44			13.66
May	373.25	376.50	10.00	386.50	338.68	338.68			34.57
June	389.65	361.55	10.00	371.55	394.47	369.17	25.30		20.48
Total	$4,533.86	$4,446.86	$130.00	$4,576.86	$5,011.28	$4,378.33	$632.95	$169.59	$325.12

Services were rendered at the plant during the fiscal year as follows:

Total number of turn-offs	75	Total number of meters taken out	1
Total number of turn-ons	86	Total number of service connections	16
Total number of meters installed	10	Total number of feet of new mains laid	2,776

POLK ST. GRADE CHANGE.

(Polk, Lombard to Bay)

ASSESSMENT DISTRICT

Total Estimated Cost		$ 62,000.55
Cost of Appraisal	$ 3,000.00	
Damages for Benefits	47,448.75	
Estimated Cost of Contract	11,551.80	
Total Receipts		61,671.69

Disbursements:

Contract completed, Edward Malley	$ 10,922.94	
Engineering and Inspection	300.00	
Damages Paid	47,448.75	
Appraisal	3.000.00	61,671.69

STOCKTON STREET TUNNEL.

CONSTRUCTION OF A TUNNEL WITH APPROACHES AND APPURTENANCES IN STOCKTON STREET BETWEEN SUTTER AND SACRAMENTO STREETS.

References—Resolution of Intention No. 8888 (N. S.) approved Nov. 9, 1911;
Resolution No. 9475 (N. S.) filed July 15, 1912;
Resolution No. 9632 (N. S.) adopted August 26, 1912.

A.—Costs.

Total estimated cost of tunnel		$ 440,367.00
Estimated damages within assessment district		121,357.00
Estimated damages not within assessment district		70,155.00
Total amount of estimated costs, damages and expenses		631,879.00

B.—COLLECTIONS.

(As reported by Tax Collector.)

Cash received (assessments)	$454,883.88	
Cash received (interest)	22,053.41	
*Total amount due	176,995.12	
	653,932.41	
Less Interest Charges	22,053.41	
		631,879.00
*Of the total amount due there is represented by agreements to pay	$157,405.51	
Assessed against State property	8,839.79	
Represented by properties sold to City and County	10,749.82	
	$176,995.12	

C.—DISBURSEMENTS.

Damages	$191,512.00
Contract and Extras (see below)	271,305.10
Engineers' Appraisals	3,500.00
Inspection, Engineering, Clerical Work	10,007.85
Re-imbursements to City (Prior to June 30, '13)	3,214.21
Advertising	59.70
General Expenses	140.82
	$479,739.68

D.—CONSTRUCTION WORK.

Contract awarded (4/11/13) to Jacobsen-Bade Co. at an estimated cost of	$337,000.00	
Extra work ordered subsequently (estimated)	69,435.84	
	406,435.84	
Paid on account contract (12th payment)	271,305.10	
Estimated balance due at completion	$135,130.74	

TWIN PEAKS TUNNEL.

CONSTRUCTION OF A TUNNEL WITH APPROACHES AND APPURTENANCES THROUGH THE TWIN PEAKS RIDGE IN THE CITY AND COUNTY OF SAN FRANCISCO, PURSUANT TO RESOLUTION NO. 10020 (NEW SERIES), OF THE BOARD OF SUPERVISORS, Approved March 7, 1913.

A.—COSTS.

Estimated Cost of Construction	$ 3,347,823.23	
Incidental Expenses including Engineering, Inspection, etc.	85,712.06	
Lands taken in Fee Simple	511,098.00	
Easements Acquired	6,528.00	
Leaseholds Taken	3,840.00	
Grand Total Estimated Cost	$ 3,955,001.29	

B.—COLLECTIONS.

(As reported by Tax Collector.)

Cash received (Assessments)	$ 1,170,327.41	
Cash received (Interest)	31,229.89	
Cash received (Duplicates and Overs)	1,181.41	
Total Collections	$ 1,202,738.71	
Less Interest and Overs kept Intact	32,411.30	$ 1,170,327.41
Total Amount Due		$ 2,784,673.88

C.—DISBURSEMENTS.

Salaries, Wages, Engineering, etc.	$ 4,106.65	
Reimbursements: Preliminary Plans, etc.	20,400.13	
Reimbursements: Advertising	998.22	
Printing Specifications	495.00	
Other Miscellaneous Expenditures	913.85	
		$ 26,913.85

EXCAVATION FUND.

(Special Deposit.)

Operative pursuant to Ordinance No. 2201 (New Series) of the Board of Supervisors, approved March 3, 1913.

Receipts:

From Appropriation by Board of Supervisors	$ 1,100.00	
From General Deposits	10,000.00	
From Special Deposits	8,851.65	
From Fees paid in	3,532.50	
		$23,484.15
Less deposits rebated		102.20
Total from all sources		$23,381.95

Distribution of Receipts:

Moneys held in trust		$ 18,464.45
4 General Deposits	$10,000.00	
287 Special Deposits	8,464.45	
Moneys—Fees Collected		3,817.50
Account General Deposits	3,532.50	
Special Deposits	285.00	
General Appropriation		1,100.00
		$23,381.95
Total Receipts		$33,381.95
Less moneys held in trust		18,464.45
Available for expenditure by Board of Public Works		$ 4,917.50

Expenditures:

Available from all sources		$ 4,917.50
Salaries, Clerical	$ 2,039.50	
Salaries, Inspection	1,900.00	
Materials, books, etc	124.61	
Miscellaneous	110.45	4,174.56
Balance available June 30th		$ 742.94

CIVIL SERVICE.

During the fiscal year, July 1, 1913, to June 30, 1914, 524 requisitions upon the Civil Service Commission for eligibles have been issued. These are distributed as follows:

1.	No appointment made—requisition canceled	16	
2.	No appointment made—waiver after certification	9	
3.	No Civil Service eligible list—temporary appointment made (104 appointments made on the 58 requisitions)	58	
4.	Positions previously filled by temporary appointment, put under Civil Service after examination:		
	Building Inspectors	2	
	Surveyor's Field Assistants	9	
	Inspectors Streets and Sewers	14	
	Pavers	8	
			33
5.	Miscellaneous requisitions occasioned by temporary or permanent increase in force, or by vacancies from death, resignation, dismissal, etc.:		
	For laborers	*27	
	For appointees other than laborers	371	
			398

(* 136 appointments were made on the 27 requisitions for laborers.)

On June 30, 1914, there were 1,654 employees in the Department distributed as follows:

1.	Exempted by Charter from Civil Service provisions:		
	(a) Within the City:		
	Commissioners	3	
	Secretary	1	
	City Engineer	1	
	Superintendent of Municipal Railways	1	
	Storekeeper	1	
			7
	(b) Outside City in connection with Hetch Hetchy Water Project:		
	Locating Engineer	1	
	Estimator	1	
	Draughtsman	1	
	Foreman	1	
	Transitman	1	
	Levelman	1	
	Chainmen and rodmen	3	
	Axmen	4	
	Field Assistants	6	
	Cabin Builder	1	
	Trail Builders	3	
	Cooks	2	
	Teamsters	2	
	Water Carriers	1	
	Laborers	23	
			51
2.	Temporary Appointees:		
	Apprentice Carpenters	3	
	Apprentice Painters	3	
	Brick Inspectors	3	

Car Repairers	15
Cribbers	20
Car Inspectors (Construction)	1
Chemist	1
Chemist's Assistants	3
Consulting Architects	3
Designers	2
Dranghtsmen—	
Architectural	10
Engineering	12
Electrical	3
Engineers—	
Civil	9
Mechanical	10
Structural	1
Electrical	1
Hydraulic	2
General Mechanic	1
Inspectors—	
Boiler	1
Streets and Sewers	14
Railway Ties	1
Janitress	1
Light and Water Inspector	1
Assistant Light and Water Inspector	1
Master Mechanic	1
Photographer	1
Assistant Photographers	6
Quantity Surveyor	1
Railway Track Expert	1
Steel Inspectors	2
Superintendents (Heads of Bureaus)	5
Assistant Superintendents and Foremen	11
Service Man	1
Surveyors	2
Telephone Operators	2
Timetable Draughtsman	1
Teamsters	2
Teamsters with "Single Teams" (one horse)	11
Teamsters with "Double Teams" (two horses)	161
	310

3. Employees taken over with the Presidio and Ferries Railway, and appointed "temporarily" from month to month pending determination by Civil Service Commission as to whether or not they are Civil Service employees under the Charter Amendment No. 3, recently adopted:

Inspectors	2
Assistant Superintendent	1
Cashier Clerk	1
Blacksmith	1
Car Repairers	8
Lineman	1
Carpenter	1
Trackman	1
Conductors	29
Motormen	29
	74

4. Civil Service Employees:

Asphalt Workers	60
Assistant Civil Engineers	32
Chief Assistant Civil Engineer	1
Blacksmiths	2
Blacksmith's Helpers	2
Ship and Machine Blacksmith	1
Ship and Machine Blacksmith's Helper	1
Bookkeepers	2
Bricklayers	5
Carpenters	31
Carpenter's Helpers	3
Clerks	55
Cement Finishers	3
Cement Finishers' Helpers	5
Conductors	95
Chauffeur	1
Draughtsmen (Engineering)	19
Elevator Operators	14
Engineers—	
Steam Roller	6
Hoisting and Portable	6
Stationary Steam	14
Granite Cutters	17
Hodcarriers	7
Inspectors—	
Streets and Sewers	30
Building	22
Complaints	2
Sidesewers	1
Municipal Railway	7
Janitors	35
Locksmiths	2
Laborers	270
(Including 68 who act as Sreet Sweepers)	
Messenger	1
Motormen	95
Office Deputy	1
Pavers	25
Painters—House	11
Painters—Carriage and Wagon	6
Plumbers	12
Quarry Drillers	10
Rammers	24
Railroad Trackmen	20
Surveyors	9
Surveyors' Field Assistants	47
Sidesewermen	23
Stenographers	17
Sewer Cleaners	16
Steamfitter	1
Street Sweepers	125
Tinners	7
Tinner's Helpers	5
Watchmen	34
Wiremen—Inside	2
	—— 1,212

BUILDING INSPECTION

July 24, 1914.

To the Honorable, The Board of Public Works.:

Gentlemen:—I have the honor to submit the following as an annual report upon all building operations in this City and County during the fiscal year ending June 30, 1914:

Character of Permits Granted.	Number.	Cost.
Class "A" Buildings	14	$ 2,404,390.00
Class "B" Buildings	13	709,965.00
Class "C" Buildings	204	5,504,846.00
Frame Construction	2,047	6,807,657.00
General (Alterations, Additions, Repairs)	3,391	1,695,473.00
Panama-Pacific International Exposition Buildings	44	8,798,700.00
Public Buildings	8	4,277,663.00
Total	5,721	$30,198,694.00

Fees collected upon the above amounted to	25,753.80
Fees collected for Billboard Inspection	118.00
Total	$ 25,871.80

In addition to the above more important matters this Bureau received applications and petitions as follows:

To raze structures	281
To move and reset	37
Applications rejected and withdrawn	132
General complaints received and attended to	414
Total number of applications filed	6,490

The rejected and withdrawn applications were in direct violation of the Building Law and could not be made to comply, and over and above these I found varied implied infractions of the law in approximately 50% of the total number of applications filed, and which were subsequently revised, and finally approved by this Bureau.

In the past year this Bureau had considerable success in the removal of temporary frame structures from within the fire limits, and there now remains but a few scattered throughout the business district, which are to be vacated and torn down as their leases expire.

The usual close attention has been given by the Bureau to all complaints and protests entered by the different sectional Improvement Clubs, with the result that many nuisances and violations of law have been abated which were not evident until brought to our attention in this manner.

The recent ultimatum issued by the Board against all cloth signs being erected in the city, and which do not comply in every respect with the ordinances, has so impressed the merchants and those engaged in the business of

erecting them that a much better standard has been adopted throughout the city, both in appearance and character, and as such, has considerably lessened the agitation by the Art League and other civic organizations against them.

In the supervision of tenements, hotels and lodging houses, the Bureau has adopted a card record system, and by which all essential features of a building are checked and recorded, and any necessary corrections made at the time such are laid out in the building, starting with the foundation lines, for courts, yards, shafts, etc., and continued through and until the building is ready for occupancy, and a certificate of acceptance asked from the Board. This lessens the possibility of errors and omissions from the law during erection, and the consequent trouble in changing and reconstructing various portions of the building when all is completed.

During the year all contracts for public buildings and for the Panama-Pacific International Exposition have been recorded in this Bureau, and in consequence, the total of building operations in the city and county are more clearly shown.

Following a recent visit with the Commissioners to a number of frame lodging houses which were erected shortly after the fire of 1906, it is the intention of this Bureau to draft an ordinance to be submitted to the Board of Supervisors for their approval, with a view to have these buildings comply as far as practicable with the present building laws, and thereby insuring greater safety to the occupants.

Respectfully submitted,

JOHN P. HORGAN,
Chief Building Inspector.

REPAIRS TO BUILDINGS

San Francisco, Calif., July 29, 1914.

To the Honorable, The Board of Public Works,
City and County of San Francisco.

Gentlemen:—In accordance with the provisions of the Charter, I submit herewith a tabulated report of the Bureau of Public Buildings, showing the various work performed and the moneys expended during the Fiscal Year 1913 1914.

Very respectfully,

CHAS. F. MEEHAN,
Superintendent Public Buildings.

RECAPITULATION OF OPERATIONS—BUREAU OF PUBLIC BUILDINGS. FISCAL YEAR 1913-14.

	Appropriations.	Expenditures.		Total.	Deficit.	Surplus.
		Labor.	Material.			
Salaries of office	$ 8,400.00	$ 8,319.35		$ 8,319.35		$80.65
Salaries of Engineers (City Hall)	5,100.00	5,100.00		5,100.00		
Salaries of Engineers (Hall of Justice)	6,600.00	6,600.00		6,600.00		
Salaries, Watchmen and Janitors	43,140.00	43,064.50		43,064.50		75.50
Salaries, Elevator Operators. (City Hall)	6,480.00	6,480.00		6,480.00		
Salaries, Elevator Operators (Hall of Justice)	8,640.00	8,640.00		8,640.00		
Supplies and Maintenance—						
Janitors		102.25	5,501.50	5,603.75		
City Hall	13,000.00	593.00	2,699.19	3,292.19		529.56
Hall of Justice		323.80	3,250.70	3,574.50		
Transportation Maintenance	1,610.00		1,610.00	1,610.00		
Fire Department Repairs	19,626.35	14,346.60	5,256.75	19,603.35		23.00
General Repairs to Public Buildings	13,837.00	10,363.05	3,458.94	13,821.99		15.01
Police Department Repairs	6,550.00	5,361.95	1,179.60	6,541.55		8.45
School Department Repairs	89,685.00	57,748.10	31,914.50	89,662.60		22.40
School Department (Special Appro)	10,315.00	3,317.80	6,950.78	10,268.58		46.42
School Maintenance	1,810.25	1,810.25		1,810.25		
Special Appropriations	25,519.21	16,131.35	8,515.86	24,647.21		872.00
Special Appropriations paid from Budget Item No. 40, "Furniture Fund"	2,175.83	1,128.50	1,151.14	2,279.64	103.81	
Bond Issue Work	3,323.10	2,096.90	1,226.20	3,323.10		
Work performed and paid with department's own funds	6,440.30	5,931.15	447.62	6,378.77		61.53
Totals	$272,252.04	$197,458.55	$73,162.78	$270,621.33	$103.81	$1,734.52

SEWER DEPARTMENT

San Francisco, Calif., July 24, 1914.

To the Honorable, The Board of Public Works,
Of the City and County of San Francisco.

Gentlemen:—I have the honor to submit herewith the report of the operations of the Sewer Department for the fiscal year from July 1, 1913, to June 30, 1914.

Respectfully submitted,

J. C. LINEHAN,
Superintendent of Sewers.

RECONSTRUCTION AND REPAIRS.

There were 397 sewer breaks during the fiscal year. Of this number 286 were repairs to iron stone pipe sewers, 111 were repairs to brick sewers; 42 manholes and 118 cesspools were constructed, 107 manholes and 284 cesspools were repaired, and all defective castings were replaced by new ones; 9,850 lineal feet of pipe sewers were reconstructed and repaired; 7,250 lineal feet of brick sewers were reconstructed and repaired; 620 feet of 4′ by 6′ wooden box sewer were constructed.

In the performance of the above work the following quantities of material were used:

9,850	feet iron stone pipe.
206,700	Brick.
4,640	sacks of Cement.
96	Manhole Rims.
132	Manhole Covers.
168	Horseshoe Frames.
216	Horseshoe Grates.
58,450	feet Redwood Lumber.

SEWER CLEANING—BRICK SEWERS.

7,040 cubic yards of silt were removed and transported to the dump at a cost of $25,986.00

CESSPOOL CLEANING.

17,171 cesspools were cleaned, 16,060 cubic yards of silt were removed and transported to the dump, at a cost of $25,950.00.

SEWER AND CESSPOOL FLUSHING AND SEWER EXAMINATION.

444 blocks of sewers were examined, 639 iron stone pipe sewers and 16,273 cesspools were cleaned by flushing with fresh water at a total cost of $14,119.45.

DEPARTMENT OF STREET CLEANING

FOR THE FICSAL YEAR 1913-1914—P. J. OWEN, SUPERINTENDENT.

San Francisco, July 28, 1914.

To the Honorable, The Board of Public Works,
Mr. Frederick J. Churchill, Secretary, City Hall.
San Francisco, Calif.

Gentlemen:—In accordance with Resolution No. 31,738, Second Series, heretofore passed by your Honorable Board, I submit, for your approval, this report of the operations of the Street Cleaning Department, Board of Public Works, for the fiscal year 1913-1914, including detailed statements of the yardage of the public streets swept by hand, by machine, sprinkled, flushed, washed with flushers, hose and squeegees, the amount of such work accomplished in each month of said fiscal year, and in each of the sixteen street cleaning districts, the number of teams in the employ of the department, the number of loads of dirt removed from the public streets, the average number of street sweepers in the employ of the department during each of the months of said fiscal year, a full statement of the expense account of the department, together with certain other data relative to the work of this department, as follows, to-wit:

Streets swept by hand during year, sq. yards	500,683,901
Streets swept by machine during year, sq. yards	41,890,760
Total area swept by hand and machine	542,574,661
Streets sprinkled during fiscal year, 1913-1914, sq. yards	293,824,785
Streets flushed during fiscal year, 1913-1914, sq. yards	86,971,550
Streets washed with flushers during fiscal year, 1913-1914, sq. yards	13,034,205
Streets washed with hose during fiscal year 1913-1914, sq. yards	854,340
Streets washed with squeegees during fiscal year, 1913-1914, sq. yds	3,368,375
Total, sq. yards	398,053,255

	Loads of Dirt Removed from Public Streets.	Average Number of Street Sweepers Employed per day.
1913—		
July	4,152	160
August	3,717	156
September	3,257	149
October	4,071	161
November	2,782	140
December	3,339	147
1914—		
January	3,925	142
February	3,634	149
March	3,882	156
April	3,643	161
May	3,659	158
June	3,520	158
Total	43,581	

FAMILIES SUPPLIED WITH WATER FOR HOUSEHOLD PURPOSES BY THIS DEPARTMENT.

Owing to the as yet non-extension of water mains in certain parts of District No. 5 (Sunset) certain families there residing found themselves unable to procure water for household purposes; and this department, acting upon a request from the Mayor's office, has supplied water to twenty families in said district during the past fiscal year, amounting to four tanks, or about 2000 gallons, per day.

There are now approximately 450 miles of accepted streets which must be cared for by this department and additions are continually being made by the acceptance of additional blocks and streets. Some of these streets require to be kept constantly clean by blockmen stationed thereon; others are cleaned once daily; others twice a week, and other less important streets are cleaned once a week, according to the office schedule.

The work of the department has considerably increased during the past fiscal year, owing to increased mileage of accepted streets, and will doubtless increase to a much greater extent during the current fiscal year, as the appropriation for the present fiscal year will cover five months of the Panama-Pacific Exposition period; and the streets in the neighborhood of the Exposition grounds and the streets leading thereto and therefrom must be adequately swept and kept in good condition.

The improvement clubs in the various quarters of the city are each demanding extensions of the work of this department in its particular district and more frequent cleaning and sprinkling of the streets; and the public, educated to a large extent by such clubs, has become more exacting than ever in its demands along these lines; and this department has, whenever and wherever possible, complied with these demands to the very limit of its equipment and resources.

Respectfully submitted,

PETER J. OWEN,
Superintendent Street Cleaning Department, Board of Public Works.

BUREAU OF LIGHT AND WATER INSPECTION

In report for previous year was presented an outline of the duties and powers of the bureau, under the provisions of State law, municipal ordinances and resolutions of the Board of Supervisors. No change has been made during the past year in the laws governing the bureau.

The character of the work and the manner of handling same has remained practically unchanged. It falls under the following general divisions: Inspection of water service, inspection of gas service, inspection of city lighting, miscellaneous.

WATER SERVICE INSPECTION.

This branch of the work has consisted in:

(1) Testing service meters, on request of consumers; making inspections for leaks, etc., and adjusting errors in bills arising from incorrect registration of meters.

(2) Inspecting premises of consumers paying a "flat" rate to ascertain that the rate has been fixed in conformity with the provisions of the ordinance regulating the rates for supplying water.

(3) Investigating complaints of consumers, concerning the character of the service, with particular reference to pressure, adequacy of supply, quality, etc.

(4) Investigating applications for new water services in certain districts.

(5) Checking up the quantity used, and preventing waste in public buildings.

The number of service meters tested was 625, an increase of 228 over the previous year. With the exception of three meters owned by the Municipal Water Works, in Visitacion Valley, the meters are the property of the Spring Valley Water Company.

Of the meters tested

178 registered "fast."
189 registered "slow."
251 registered accurate.
7 did not register.

The average percentage of error "fast" was.....1.94
The average percentage of error "slow" was.....1.46

Of the total number of meters tested 28% showed an error to the prejudice of consumer. All tests were made on premises where meters were installed, and were consequently made under actual service conditions.

The ordinance fixing the rates does not specify any allowable error in meters, nor does it prescribe the manner of computing the amount to be refunded on account of errors in registration. It is the practice, however, when a meter is found to be "fast," to require the company to correct the bills for the time the meter has been in service, but not for a longer period than two years. No refund is required from consumer in case the meter is found to be "slow."

The number of inspections made upon request of consumers paying a "flat" rate was 16. These inspections consist in taking an inventory of water fixtures and other items upon which the water rate is based, and comparing same with the rating made by the water company. Some of the inspections were made following complaint that the Spring Valley Water Company showed discrimination in the matter of rates in favor of some consumers. In no case has it been found that any consumer has been overchaged, or that any favoritism has been shown.

In some instances, however, the rate has been changed from "flat" to "meter" rate, or vice versa, to the satisfaction both of consumer and water company.

Frequent complaints have been made by improvement clubs and residents in various localities against the Spring Valley Water Company, alleging insufficient pressure, inadequate supply, and generally poor service. The greater number of such complaints came from the Richmond, Sunset, Lave View, Glen Park and Butchertown districts. In some instances the grievances were remedied by the company, but in most cases conditions remain the same, because to effectually improve them it is necessary to make a complete change in the distributing system. In many cases closely built-up blocks are being supplied through 1" and 1½" mains, which, even under favorable conditions of pressure, are unable to carry sufficient water to meet the needs of consumers.

Owing to the policy pursued by the Spring Valley Water Company for some years past in refusing to extend the distributing system, builders and property owners have been compelled, at their own expense, to install mains and connect them with the company's system. For reasons of economy only small-size pipe has been used in these instances. This arrangement was fairly satisfactory so long as the consumers were few; but as the neighborhoods have been built up and an increasing number of consumers have been connected to these mains conditions have resulted in a chronic scarcity of water, amounting at times almost to a famine. In a number of localities, on the higher levels, no water is obtainable during the daytime. In such places water is gathered at night, when the pressure is better, because of the smaller consumption in the lower levels, and stored in cisterns or tanks for the next day's use. The fact that in these neighborhoods a great deal of water is used for irrigation tends inevitably to increase the prevailing scarcity.

Owing to the frequency of these complaints the Spring Valley Water Company recently determined not to accept any new customers in the districts affected, declaring it has reached the limit of its capacity to deliver water under the present state of the distributing system. This policy, if carried out, would have worked a great hardship, because a number of people who had made preparations to build, or had buildings in course of construction, would have been compelled to suspend operations. It consequently met with strong opposition. The company at length consented to connect new services, but only upon condition, first, that the applicants sign a statement agreeing that they would not hold the company responsible for any failure to furnish adequate service, and, secondly, that each application be approved by the Board of Supervisors.

The Public Utilities Committee of the Board has had this matter in charge, and by reference from the committee this bureau has investigated all applications for new services and rendered reports upon each case to the committee. These inspections have taken up a great deal of time, as it has been necessary to examine the size of mains and conditions of pressure, and ascertain the number of consumers supplied, as well as other local conditions; this being necessary to protect the interests, not alone of applicants for new services, but of the consumers already connected. The number of applications reported is 42, of which 40 were approved and two were disapproved.

A few complaints of "bad water" have been received. Such complaints have charged that water was muddy, or had a bad taste or odor. These usually come from consumers connected to "dead ends" of mains, or where water has been shut off temporarily to make repairs to mains, etc. The remedy has been to have the mains blown out in the localities affected until the quality of the water was again satisfactory. Complaints of this nature have been followed up to make sure that the causes have been effectually removed.

Special attention has been given to water consumption in public buildings with a view to preventing waste. An account is kept of the quantity used in each

building, and whenever any unusual increase has occurred inspection has been made, this cause located and efforts made to properly remedy the deficiency. Leaky or otherwise defective plumbing has usually been the cause of excessive consumption and consequent increase in water bills.

By this means the expenditure for water in public buildings has been kept well within the appropriation. For the fiscal year 1913-14 there was appropriated for water in public buildings $23,000.00; of this $22,076,31 was expendid, leaving an unexpended balance of $923.69. The public buildings herein referred to do not include school buildings.

GAS SERVICE INSPECTION.

This inspection has consisted in:

(1) Testing customers' meters and adjusting disputed bills.

(2) Testing and determining candle power and heat value of gas and taking records of gas pressure.

(3) Investigating complaints as to the general character of the service.

The number of service meters tested upon request of consumers was 87, an increase of 69 over the previous year. The results were:

"Fast"	20
"Slow"	24
Accurate	43
Average percentage of error "fast"	2.4
Average percentage of error "slow"	2.4

The meters tested were all the property of the Pacific Gas and Electric Company.

Under the ordinance a meter showing an error of less than 2% in registration is regarded as accurate. Of the 87 meters tested only 7 showed an error of more than 2% to the prejudice of the consumer. The above tests were made on consumer's premises by a test meter previously calibrated by comparison with meter prover, and connected in series with customer's meter. Where a service meter has been found more than 2% "fast" it has been taken off and the test verified by test under prover. This arrangement has the advantage of saving time, both for the inspector and the gas company, as it obviates the necessity of removing the meter unless it is found to be inaccurate beyond the requirements of the ordinance.

In general, requests for meter tests have been made by consumers whose meters have recently been changed. It is the practice of the Pacific Gas and Electric Company to remove meters after thy have been in service between five and six years and install new ones; for the reason that a meter after having been in use this length of time, is liable to require repairs, the leather diaphragms becoming worn out or perforated, thus causing the meter to pass gas without properly measuring same, with consequent loss to the company. The installation of new meters is sometimes followed by an increase of bills, hence many requests for meter tests.

The gas laboratory of the bureau was dismantled in November, 1912, the shack building in which it was located having been razed. The instruments have been placed in storage. Up to the present time no suitable accommodations for reinstalling the apparatus has been found.

It has, therefore, been impossible to make regular tests to determine the quality of the gas. Such tests as have been made have been taken in the laboratory of the Pacific Gas and Electric Company, at its Potrero works, the engineer in charge offering every facility to the inspector. The tests consisted in measuring candle power and heat value. The standards fixed by ordinance are the same as for previous year, viz., 19 candles and 600 B. t. u. per cubic foot.

Following are results obtained just prior to the close of fiscal year:

Candle Power (open flame burner against pentane lamp)—

May 20	18.90
May 22	19.00

Heat Values—	B. t. u. (gross).
May 20	640
May 22	644
May 23	637
June 3	617
June 10	621

The above measurements were made with Junker's calorimeter.

Pressure records have been taken regularly at the following locations: Temporary City Hall, and fire houses at 1819 Post street, 1378 Utah street and 1348 Tenth avenue, Sunset. The instruments employed are the Bristol graphic pressure gauges. The records obtained show a generally satisfactory condition of pressure. Not alone is it being kept within the maximum and minimum limits fixed by the ordinance, but it is kept practically constant during the hours of peak load and with but little variation during the entire twenty-four hours.

The number of complaints as to the general character of the service is very small. Most frequently they have been found caused by local defects, the main complaint of "poor gas" being due to the clogging of service and house pipes by naphtha crystals, and is readily remedied by having the services or house piping pumped out.

Each complaint made to the Pacific Gas and Electric Company through the office of the bureau has been promptly and effectually attended to.

ELECTRIC METER TESTS.

The bureau is required by ordinance to test consumers' watt hour meters, when requested. During the year 10 such tests have been made, four more than during the preceding year. The standards and other testing equipment was furnished by the utility owning the meter to be tested. Three meters were owned by the City Electric Company and seven by the Pacific Gas and Electric Company. Results were as follows:

	Full Load.	Light Load.
"Fast"	2	3
"Slow"	4	4
Accurate	4	4

LIGHTING STREETS AND PUBLIC BUILDINGS.

It is the duty of the bureau to investigate all proposals for change or improvement in the street lighting system and prepare reports and recommendations thereon to the Lighting and Rates Committee of the Board of Supervisors; also to check up and examine all installations, removals and changes in location of street lights.

Following table shows the character of the street lighting and the average number of each kind of lights in operation during each month of the past fiscal year:

STREET LIGHTING SYSTEM. 1913-1914.

MONTH	GAS LAMPS				ELECTRIC ARCS				ELECTROLIERS					TUNGSTEN LAMPS. (SINGLE)									ARCHES	
	Single	Double	Triple	Triple	City and County	Union St.	Market St.	Sutter St.	Safety Stations	Fountains	Park Panhandle	(5 light)	(5 light)	Polk and Mason Sts.	Alleys	Clement Street		Haight Street		Buena Vista Avenue	Sea Cliff	Ingleside Terrace	Fillmore	Mission
Schedule	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	MN	AN	AN	AN	MN	AN	MN	AN	AN	AN		
C. P. or	60	120	180	360	350	350	350	350																
Watts									250		150	210	210	250	100	500	500	500	500	150	200	40		
July	7240	179	174		2880	105	217	53	10	2	21	234				9	27	5	13				14	
August	7240	179	175		2881	105	217	53	10	2	21	232				9	27	5	13				14	
September	7238	179	177		2890	105	217	53	10	2	21	232				9	27	5	13				14	
October	7235	179	178		2914	105	217	53	10	2	21	234				9	27	5	13				14	
November	7244	175	162		2931	105	217	53	10	2	21	248	80	25	20	9	27	11	33				14	
December	7255	172	152		2958	105	217	53	10	2	21	245	80	25	20	9	27	11	33				14	
January	7258	175	150		2980	105	217	53	10	2	21	249	95	25	20	9	27	11	33				14	1
February	7340	175	150		3003	105	217	52	10	2	21	248	96	25	20	9	27	11	33		8		14	1
March	7306	213	135		3008	105	217	53	10	2	21	249	96	25	20	9	27	11	33	16	8		14	1
April	7340	233	126		3014	105	217	53	10	2	21	258	96	25	20	9	27	11	33	16	8		14	1
May	7340	238	129		3019	105	217	53	10	2	21	258	96	25	20	9	27	11	33	16	8		14	1
June	7358	238	131	25	3021	105	217	53	10	2	21	258	96	25	20	9	27	11	33	16	8	108	14	1

The 217 electric arcs on Market Street, from the Embarcadero to Valencia Street, and 53 on Sutter Street, from Sansome Street to Van Ness Avenue, are being operated and maintained by the United Railroads, under the terms of its franchise. The 105 electric arc lights along the route of the Union Street Railroad were operated by the Presidio and Ferries Railroad Company until December 14, 1913, when the city assumed control of the road.

The electric arches on Fillmore Street, from Fulton to Sacramento Street, and one arch on Mission Street, at Twenty-fifth Street, are on metered service.

So is the tungsten lighting on Haight Street, from Buchanan to Scott Street, and from Ashbury to Cole Street; on Clement Street, from Arguello Boulevard to Tenth Avenue; on Buena Vista Avenue; the Sea Cliff Division, and Circuits 1, 2, and 3, Ingleside Terrace; the cost of current being 3 cents per K.W.H.

The upkeep of the above lighting is paid for by private subscription, except the Mission Street arch, the city paying $25.00 per month for its care and maintenance.

Several electrolier standards, owned by the City and County, were broken or otherwise damaged by being run into by automobiles or other vehicles, and it is the duty of the Bureau to require that such property be properly replaced or repaired.

In most cases it has only been necessary to call the matter to the attention of the owner of the vehicle causing the damage, who at once took steps to adjust the matter, while in others, after a number of ineffectual appeals by letter or in person, it became necessary to place the case in the hands of the City Attorney for collection.

The Bureau keeps a record of the consumption of gas and electric current in public buildings, and is thus enabled to check up waste or extravagant use.

The monthly demands of the company having the contract for supplying gas and electric current for public use and for street lighting are examined and their various items checked up by the Bureau. Proper deductions are made for street lamp outages, a daily record of which is being kept from reports furnished by the Police Department.

Following is a statement showing the cost of the various kinds of lighting:

COST OF LIGHTING STREETS AND PUBLIC BUILDINGS. 1913-1914.

Month	Electric Arcs	Electric Arcs Union St. R. R.	Safety Stations and Fountains	Electroliers and Park Panhandle	Arches—Fillmore St.	Arch—Mission St.	Haight-Clement	Gas Lamps (Single)	Gas Lamps (Double)	Gas Lamps (Triple)	Electric Current Pub. Buildings	Buena Vista Sea Cliff and Ingleside	Gas—Pub. Buildings	Removal Charges and Corrections	Total
July	$16,104.62		$120.45	$1,283.22	$254.82		$101.94	$13,463.58	$443.92	$806.85	$1,862.95		$1,167.48	$ .56	$ 35,610.40
August	16,142.92		120.45	1,279.99	309.28		115.35	13,460.52	443.92	815.85	1,815.31		1,019.82	63.91	35,587.32
September	15,515.58		116.55	1,240.57	334.50		133.98	13,036.86	429.60	796.95	1,980.82		1,064.16		34,649.57
October	16,405.80		120.45	1,289 85	414.81		162.95	13,493.04	443.92	827.70	2,361.37		1,188.48	189.35	36,708.37
November	15,976.42		116.55	1,516.66	448.02		219.30	13,036.92	420.64	830.50	2,584.25		1,304.10	177.15	36,548.71
December	16,550.47	$396.00	125.81	1,772.78	500.24		250.38	13,491.06	426.48	707.40	2,760.77		1,598.70	32.88	38,757.54
January	16,405.80	602.18	122.67	1,895.50	481.83	$ 73.23	247.83	13,545.30	434.00	699.30	3,269.01		1,099.32	2.45	38,908.84
February	15,358.89	543.90	108.78	1,716.96	436.54	41.73	242.73	12,329.52	392.00	631 20	2,529.28		857.46	3.20	35,191.44
March	17,126.38	602.18	120.45	1,908.06	388.50	92.74 37.32	201.45	13,705.74	532.96	626.55	2,167.17		701.58		38,223.28
April	16,636.31	582.75	116.55	1,833.99	352.07	25.00 38.04	183.45	13,210.32	572.64	567.30	2,321.57	$23.13	636.72	84.00	37,183.85
May	17,243.29	602.18	120.42	1,953.62	259.23	25.00 36.00	161.76	13,649.04	590.24	598.95	1,879.84	20.43	598.95	40.75	37,726.27
June	16,643.90	582.75	75.48	1,836.71	262.26	25.00 32.43	146.52	13,241.28	751.20	590.70	2,023.55	47.97	590.70	87.80	36,897.57
Total	$196,110.38	$3,917.94	$1,384.61	$19,527.91	$4,442.10	$426.49	$2,167.64	$159,663.18	$5,881.52	$8,399.55	$27,564.90	$91.35	$11,733.54	$682.05	$441,993.16

Deduct Outages and Corrections;— 5,208.88

$436,784.28

PERMITS FOR POLE SETTING.

It is the duty of the Bureau to examine applications of public service corporations for permits to erect poles on public streets, and to report on each application to the Board of Public Works, stating the nature of the proposed construction.

Following is a list of applications examined and reported upon:

Sierra Light and Power Company—

Number of applications	2
Number of poles	10
Number of guy stubs	2

The above construction was designed to re-route an existing line by removing it from the exposition grounds, and was authorized by resolution of the Board of Supervisors, February 24, 1914.

City Electric Company—

Number of applications	73
Number of poles	258
Poles to be removed	1

Part of the new construction of this company consists of a power line from the county line to Twenty-second and Folsom Streets; partly routed along public streets and partly along the right of way of the Ocean Shore Railroad Company; authorized by the Board of Supervisors.

Pacific Gas & Electric Company—

Number of applications	138
Number of poles	355
Number of Poles to be removed	41

Pacific Telephone & Telegraph Company—

Number of applications	36
Number of poles	150

The Bureau has taken up a number of complaints that poles maintained by public service corporations were located in such a manner as to obstruct entrances to buildings, garages, or sidewalks, etc. When, after investigation, the complaint has appeared well founded, the attention of the company has been called to the matter, with request that the pole be either removed or shifted so as to obviate the difficulty.

Such requests have been made to the Pacific Gas & Electric Company, the Pacific Telephone & Telegraph Company and the United Railroads, and in every case prompt attention has been given to the request.

Inquiries from other cities relative to matters coming within the scope of the Bureau have been promptly answered.

BUREAU OF STREETS

San Francisco, Cal., July 1, 1914.

To the Honorable, The Board of Public Works,
of the City and County of San Francisco.

Gentlemen:—I have the honor to transmit herewith the annual report of the operations of the Bureau of Streets for the fiscal year, commencing July 1, 1913, and ending June 30, 1914, being the fifteenth annual report presented since the organization of the Bureau.

The work performed by this department is reported herein under the following classification:

1. Assessments for Street Work.
2. Register of Street Work Proceedings.
3. Resolutions of Intention and Notices of Street Work.
4. Report of Street Inspectors.
5. Inspection of Corporation Trenches.
6. Side Sewer Construction.
7. Sidewalk Inspection.

One hundred and sixteen assessments were prepared for the cost of street work performed under public contract. The total cost of this street work was $165,328.93.

Sixty-two Resolutions of Intention, recommend the ordering of 312 pieces of street work, were prepared. Three thousand and ninety-seven Notices of Street Work were posted along the line of the contemplated improvement.

The Public Service Corporations made ten thousand three hundred and twenty-nine excavations in the streets for the installation of mains and service connections therefrom. These excavations were made principally by the following corporations:

Pacific Gas & Electric Company	6618
Spring Valley Water Company	3018
City Electric Company	330
Pacific Telephone & Telegraph Company	185

One thousand seven hundred and thirty-two side sewers were constructed durnig the fiscal year.

Eight hundred and ninety-eight thousand, eight hundred and ninety-five square feet of sidewalks were constructed pursuant to notices served by our inspectors.

Respectfully submitted,

A. J. DONOVAN,

Office Deputy, Board of Public Works.

ASSESSMENTS FOR STREET WORK.

During the fiscal year there were one hundred and sixteen (116) assessments prepared and issued for the cost of street work performed under public contract.

The total cost of this street work as shown by these assessments amounted to $165,328.93.

These assessments were issued to the contractors, and a copy of each was recorded in the Street Assessment Records in the Bureau of Streets, together with the returns made theron.

During the year we have changed our former methods in the matter of recording these assessments. Our record books have been considerably reduced in size and each assessment is typewritten, and, together with the diagrams, are recorded in loose leaf record books.

These diagrams show by appropriate coloring the character of the work for which the assessment is issued.

Instead, as has been the custom in the past, of designating the lot owners as "unknown", we now show the names of these lot owners as taken from the latest available records. This system requires the contractors to make personal demands for payment upon the lot owners if they can conveniently be found, and a demand upon the property assessed in cases of non-resident owners.

REGISTER OF STREET WORK PROCEEDINGS.

In the Bureau of Streets is kept a complete and correct record of all proceedings referring to the improvement of streets and the construction of sewers. These records are consulted every day by representatives of the Title Insurance Companies, searchers of records, attorneys and property owners. They are fully recorded and indexed and their preparation necessitates the investigation and recordation of all resolutions of the Board of Public Work, Ordinances of the Board of Supervisors and publications in the official newspaper pertaining to street work, of which there were the following during the fiscal year:

Resolutions of Board of Public Works	6882
Private Contracts	569
Certificates of Satisfactory Completion	680
Proposals for Street Work	300
Awards of Contract	213
Ordinances of Supervisors	110
Resolutions of Intention	62

RESOLUTIONS OF INTENTION AND NOTICES OF STREET WORK.

According to Charter provisions and the alternative system provided in Ordinance No. 2439, which became operative in October, 1913, the Bureau of Streets prepared 62 Resolutions of Intention recommending the ordering of 312 separate pieces of street work during the fiscal year. They also prepared and posted along the line of the contemplated improvements 3097 notices of the passage of the Resolutions of Intention.

REPORT OF STREET INSPECTORS.

For the first nine months of the fiscal year there were three inspectors whose duties comprised the supervision of pavement restoration over trenches opened in the streets by the public service corporations, inspection of streets upon completion of building operations, sub-sidewalk construction and house moving. These inspectors served notices upon property-owners requiring the

construction of bulkheads, removal of street obstructions, repair of side sewers, etc. They reported upon miscellaneous complaints and various petitions referred to them.

INSPECTION OF CORPORATION TRENCHES.

From July 1, 1913, to April 1, 1914, there were three inspectors who devoted a portion of their time to the inspection of street openings and pavement restoration performed by the public service corporations. These openings were made for the installation of distribution main pipes and conduits, and service connections therefrom.

On April 1, 1914, five inspectors were appointed under the provisions of Ordinance No. 2201 (New Series) of the Board of Supervisors, ''Regulating the ''Making and Refilling of Excavations in the Public Streets''. These inspectors devoted their entire time to the supervision of this character of work.

SIDEWALK INSPECTION.

There are two inspectors who are detailed to serve notices upon property owners, requiring them to construct or repair sidewalks, pursuant to petitions filed or complaints received in this department.

These notifications are served in conformity with Section 16 of Chapter 2, Article VI of the Charter.

898,895 square feet of sidewalks were laid during the year through the efforts of these inspectors.

DEPARTMENT OF STREET REPAIR

San Francisco, Cal., October 5, 1914.

To the Honorable, The Board of Public Works,
of the City and County of San Francisco.

Gentlemen:—I submit herewith for your approval the Annual Report of the Department of Street Repair for the fiscal year ending June 30, 1914.

The delay in submitting the report, which I regret very much, is due to the detail with which it is made out, and under the circumstances the report could not be submitted prior to this date.

Respectfully submitted,

D. J. McCOY, Superintendent.

GENERAL.

The first consideration in any city or town should be the proper laying out of its streets, especially with reference to its future requirements. Very few of our cities are so planned, San Francisco being excluded from the few. In the residential portions, especially on the hilly ground, the present straight lines with prohibitive grades, could, at the outset, have been replaced with curves thus affording better grades at perhaps less cost. The plan adopted, however, determines automatically to a certain extent, the character of the pavement to be laid.

It is very doubtful if the automobile will ever completely replace the team, and until such time arrives, pavements must be laid with due consideration for the horse. On the heavy grades and traffic districts some form of rough pavement is required, such as cobbles, basalt blocks or vitrified brick. Of the three above named, the cobbles are being removed as the work will permit. Basalt blocks will always remain in certain districts unless some other material with equally good wearing qualities is found to replace them. Very little brick paving has been done owing to its high initial cost and to the "Missourian" attitude that it must first be tried out to determine its actual merit. The brick work which has been done, however, has proven very satisfactory under light traffic and fairly so under the heavier conditions.

BASALT BLOCK PAVING. As was previously stated there are certain streets (those carrying heavy grades and traffic) which will always be paved with the invincible basalt block. There are many arguments for and against this class of pavement. There are, however, few in favor of the particular type of construction now in use—namely: blocks on no foundation other than sand. The one unsurpassable objection to a more permanent construction is lack of funds to properly perform the work and to cover the required area.

Following the conflagration of 1906 the streets were left in a deplorable condition. The pavements regardless of character were burned to the extent of requiring complete reconstruction. It was not until 1912 that reconstruction work was attempted by this department under the direction of the Board of Public Works. In the meantime improvements had continued and traffic assumed even a greater magnitude. It required but a few years to wear out the already lifeless pavements, consequently every block seemed to give way practically at the same time. The monthly appropriation of forty-five thousand dollars was increased to sixty thousand, the intention being to concentrate on reconstruction work and repair only the more passable of the blocks until such time as

they could be entirely reconstructed. The basalt blocks have on the average been found to be about fifty percent culls. This amount has been furnished from some other street which was being converted into asphalt on concrete. In this way the necessity of buying new blocks has been almost entirely averted.

Many of the streets reconstructed with old basalt blocks, among which were

Oregon, Battery to Front, and Front to Davis,
Fulton, First Avenue to Stanyan,
Third, Townsend to King,
Fourth Street, Market to Howard,
Sixth Street and Seventh Street, Howard to Brannan,
Sacramento Street, Sansome to Davis,
Steuart Street, Howard to Folsom,

required much heavier work than the average street. In Oregon, Sixth Street, Seventh Street, Sacramento and Steuart Streets a fill ranging from two to three and a half feet was required to bring them to the present official grade. In all cases the best sand possible was obtained and packed with six severe floodings. These streets today are in good condition and will undoubtedly remain so for some time to come.

In grading Fulton Street there were removed in all sixty-six pieces of concrete boulders which evidently bear a close relation to the former cable street car road. In changing from the cable to the overhead trolley the boulders were dragged to the side of the then unimproved street and left to be buried in the sand. It was necessary to remove them all in order to set the curb to official grade.

Third Street was paved during a Saturday night and Sunday so as not to interrupt traffic.

Fourth Street was paved during the heavy traffic hours, which necessarily make the work slower than it otherwise would have been.

Sixth Street, between Howard and Harrison, Seventh Street between Bryant and Brannan, Polk Street between Ellis and O'Farrell and Larkin Street between McAllister and Golden Gate, were paved with new blocks. With the exception of the above mentioned streets old selected blocks were used exclusively. During the past fiscal year, a total of 1,105,922 square feet of basalt reconstruction work was performed. Had new blocks been purchased in place of the old culls, using fifty percent as the basis, it would have required 3,870,600 blocks which at $60.00 per thousand would have cost $232,260.00 additional.

A basalt block pavement constructed with old selected blocks will last practically as long on a sand foundation as it would if constructed with new blocks. It is not so much that the blocks wear out but that the unstable base gives way allowing ruts to form. This, of course, permits an undue "hammer" from the wheels of heavily loaded trucks which would soon destroy any pavement not evenly supported by a solid base. The teaming problem adds to the difficulty in as much as we are today using the same blocks on the same foundation for twelve and fifteen ton loads as were used years ago when a three ton load was considered wonderful. It is true that the wheels have been slightly widened, nevertheless the "hammer" is there and transmits a jolt to the blocks in direct proportion to the weight of the load. As soon as the work of reconstruction is sufficiently advanced to warrant, more permanent construction will commence. The only "near" substitute we have at present is the vitrified paving block.

VITRIFIED BRICK. First Street between Market and Mission is paved with this brick. This block was selected believing that should the brick stand up under the tremendous teaming in that district, it would be safe to lay them in any other street in the city. The job was necessarily a slow one owing to

the fact that only a certain portion of one side of the street could be opened at a time, leaving the other portions open to traffic. The brick used are what was considered the best to be had and were purchased by the city from the Denny-Renton Clay and Coal Company, of Seattle, at $47.50 per thousand. They are made from natural clay deposits and show under the standard rattler test a uniform loss of about sixteen percent. The only repair work so far necessary has been caused by the sinking of side sewer trenches opened up and backfilled at the eleventh hour. A few defective places have made themselves apparent between the tracks of the United Railroads, owing to the fact that an unrolled sub-base will gradually give way between the ties, allowing the concrete base and the brick over it to form a rut which of course soon invites the destruction of the brick. Such construction is due neither to neglect nor even to ignorance on the part of its engineers but rather to a general disinclination on the part of the directors to appropriate sufficient funds to enable their engineers to properly carry on the work. Howard Street, between the tracks, although paved with basalt blocks, is a good example of the above mentioned poor construction. It is now proposed to pave Third Street from Market to Berry with the above mentioned vitrified brick. The portion between the rails will not be changed. Whether it will prove as satisfactory as its advocates predict is a matter of conjecture. A rich cement grout will be used throughout. It will require approximately one million brick and five months to complete the work.

Third Street was first paved between the years 1864 and 1867 with basalt blocks on a sand base, with the exception of the block between Mission and Howard, which was bitumen on countersunk blocks. This pavement was not disturbed until 1903 and 1904, when the entire street was reconstructed from Market to Berry Streets with basalt blocks on a concrete base. The cost of the work exclusive of incidentals was $75,301.34. It was supposed to be of the permanent type. For the past two or three years the street has been in "reconstructable" condition. At the present writing the work has commenced between Mission and Howard Streets. The condition of the concrete shows only too plainly the reasons for the present expenditure. A narrow strip near the rail and one near the curb is the only original concrete in the street, the remainder being so poor as to warrant its removal.

A pavement of this character and under similar conditions should last for fifty years. It is however being removed after a pitiful existence of ten years, and to replace it the city is now proposing to spend the sum of approximately $89,200.00. According to the above figures the public service corporations are responsible for the expenditure of approximately $71,000.00.

San Francisco has perhaps during the past eight years had its streets torn up more than any other city in the world. This is due, of course, to some extent to general improvements, but primarily to the existence of underground service pipes and conduits. This is mentioned not in the spirit of criticism or complaint but merely as an existing fact. The public service corporations have been permited to enter the streets with their service pipes. In earlier days when electricity was carried in overhead wires, gas and steam heat were still unknown, an underground connection here and there made little or no difference. Today, however, the maintenance of the streets over the network of pipes and conduits presents a more serious problem. (The public service corporations are spending in the neighborhood of four hundred thousand dollars per year for street openings alone.) (This amount could be spent in the construction of roomy conduits, one on each side of every important street, with manholes located at convenient intervals, and still have a surplus. Every new service to be installed would then be placed in this conduit, allowing the corporations a number of years in which to make the change, after which there would be no

necessity for opening up the street.) It will be necessary before many more years have passed to adopt some such plan as it is estimated that forty percent of all repair work is due directly or indirectly to corporation trenches. This is caused not so much by the use of poor paving material but rather to defective backfill. The material is thrown into the trench with little or no tamping and less water, consequently the pavement, especially one consisting of basalt blocks on a sand foundation soon sinks from one to three inches below the surface of the street. The corporations have been known to repair a basalt block pavement. In the case of an asphalt pavement considerable time usually elapses before the concrete base under the surface gives way. In the meantime the trench has either "lost its owner" or a new repaving contract has been let and in order to prevent an accident the Board of Public Works are called upon to make the necessary repairs. The drawing following this page was accurately made from the existing pipes and conduits at Market and Eddy Streets in 1910 and is a good example of the underground condition of Market Street. Since that date two other large pipes have been added.

It can be readily seen that all thes pipes will sooner or later require either repairing or entire replacement, at which time the lifeless service could be replaced with a new one, not in the street, but in the conduits above suggested. By the natural process of elimination it would be possible within a few years, to have the majority of the services in every important street dead, the removal of which in case of a possible subway would be a comparatively simple matter.

ASPHALT PAVEMENT.

For general use the asphalt pavement is most common. In earlier years bitumen was used almost entirely and is still used to a certain extent. At first it was merely steam heated in kettles and placed on the street in its natural state. A study of its wearing qualities however has proven the necessity for certain definite proportions which are not found in the natural bitumen. This together with the large and economic production of asphalt has led to the manufacture of our present asphalt wearing surface.

Of the four hundred and twenty miles of streets in this city fifty-nine percent are asphalt. Under light traffic conditions it has proven very satisfactory. Maintenance costs are comparatively low, repairs can be quickly made and the street as quickly opened up to traffic.

The principal drawback is its tendency to become slippery. This condition has apparently increased in direct proportion to the number of automobile registrations. Every machine drops more or less oil which is spread and distributed by passing vehicles until the surface becomes smooth and glazed. The action of the rubber on the asphalt during the summer months further tends to bring to the surface any excess oils which were not absorbed in the mixing at the plant.

An attempt was made during the winter months of 1912-13 to overcome the above mentioned slippery condition by adding crushed rock to the asphalt before rolling. The asphalt was placed on the street as in any ordinary case; the material spread and raked to a uniform thickness. The rock was then spread as uniformly as possible, care being taken to leave no "pockets." The hand roller was then run over the layer and followed by a five ton steam roller. This sent the rock down to the hard foundation but left it flush with the asphalt surface. The durability and "non-skid" effects surpassed every expectation, and after a year of constant wear it is believed the results obtained warrant the small additional cost in adding the rock. The following streets were paved in this manner:

Bush Street, between Gough and Van Ness, and between Kearny and Sansome.
Van Ness, between Turk and O'Farrell, and between Pacific and Vallejo.
Sutter Street, between Sansome and Montgomery.
Mission Road, between Hyland Avenue and Thirtieth Street.

During the past fiscal year, of the one hundred and seventeen blocks reconstructed, forty-six were changed from cobblestone and basalt blocks to asphalt. The forty-six blocks aggregate 569,523 square feet, 10,011 square feet of which were considered defective. This amount is but 1.7 percent of the whole. This trouble is attributed almost entirely to the variable percentage of dust in the sand. During the winter months this percentage ran as high as nine, when three is ordinarily found. Samples from both sand and asphalt were taken daily to the laboratory in order to keep the mixture to the proper proportions.

(O'Farrell Street, between Powell and Stockton after a few months of wear showed signs of extreme "restlessness." On both sides of the car tracks the asphalt became rolly and wavy. This, however, is due not to an imperfect mixture but to the presence of steam pipes near the surface and running parallel with the tracks. The life is slowly being taken out of the pavement by the corporation pipes. Within a short time most of this surface will have to be replaced.)

RESURFACED ASPHALT.

This method of smoothing up a wavy and rolly asphalt surface was introduced into San Francisco during the month of January, 1913. The first machine was leased by the city on January 17, 1913. On April 24th a second machine was received and on September 11th two others. Three of the machines have been working almost continuously since the above date. Although, owing to various reasons, a small percentage of the area covered has not been up to standard, the greater percentage has been entirely satisfactory, particularly the work done during the past fiscal year.

A total of 171 blocks of asphalt pavement have been resurfaced, which in square feet amounts to 2,669,371. The cost of the work including overhead, repairs, royalty, etc., has amounted to 4.8 cents per square foot.

The leased price of each machine is $1,800.00 with the understanding that a minimum of 90,000 sq. ft. per year must be performed. This amounts to $500.00 in royalty.

The average force required to operate one machine is

1 Foreman,
2 Engineers,
14 Laborers.

The operation of two machines working together requires

1 Foreman,
3 Engineers,
18 Laborers.

The average day's work for the entire year for the three machines has been 10,300 sq. ft.

Each machine carries a hood with a heating surface of 60 sq. ft. The heat from an oil flame is transmitted to the hood by means of a baffle wall and is evenly distributed over the area to be surfaced by means of plates in the hood. The hood is dropped to the surface and the pavement given a slow heat. This softens the asphalt so that the surface can be made uniformly rough by means of hoes especially cut for that purpose. A thin layer of new asphalt wearing

surface is then spread and raked over the heated surface and a five-ton steam roller sent on to it immediately. By this method the bond between the old and new surface is perfect, numerous tests failing to show where the two surfaces come together.

MUNICIPAL ASPHALT PLANT.

The municipal asphalt plant was constructed and put into operation about March 1, 1909. Heretofore all repair work on accepted streets had been done under contract. The plant, including one eight-ton, one two-and-one-half ton steam roller together with other miscellaneous equipment, hand rollers, smoothing irons, etc., cost $16,809.22. The equipment at the present time includes one eight-ton, one five-ton, one two and a half ton steam roller; four surface heating machines; two oil wagons, five roving trucks, several hand rollers, smoothing irons and various miscellaneous equipment valued at $21,450.00. The plant is in operation today and has been run almost continuously since its construction, closing down only occasionally to make necessary repairs or at times during the winter months when the wet weather would not permit the placing of asphalt. During the past fiscal year out of three hundred working days the plant was in operation a total of two hundred and fifty-eight days. During that time two hundred (200) loads of binder and eight thousand five hundred and eighty (8,580) loads of asphalt surface were turned out, making an average of thirty-four (34) loads per day. The two hundred and fifty-eight days includes every day the machinery was started. Oftentimes on account of rain or urgent repairs the plant was closed down with only a few loads turned out.

During the early part of 1912 the plant narrowly escaped total destruction by fire. The loss in damage to machinery amounted to approximately one thousand dollars and in time about three weeks.

Although the plant, at the time of its construction, was considered the last thing in mechanical efficiency, the material developments along this line have placed such machinery far behind the present types.

NEW ASPHALT PLANT. The increased amount of asphalt pavements during the past six years has brought about the necessity for a new plant. The old style hand weighing methods in the present plant will be replaced with automatic devices of various descriptions which will eliminate all possible variation in quantities of the different materials put into an asphalt mixture. This phase of the work is as important if not more so than having first-class materials. Although the present plant is capable of turning out a perfect mixture, we now depend upon the ability of three men (and under not the best of conditions) to properly perform the work. (The new plant will have an estimated maximum capacity of one hundred and eighty (180) loads per day.) It will have two dryers and two mixing bins which will enable binder and asphalt to be turned out at the same time or when not manufacturing binder, a double capacity for asphalt. The necessary bins will be conveniently located to hold all material which will be handled by means of elevators and conveyor belts.

Spur tracks from both the Southern Pacific Company and the Ocean Shore Railway Company have been installed, which will enable the material to be unloaded directly from the cars to a pit, thence to the bunkers. The capacity of the spur tracks is twelve cars.

With such a plant it will be possible to manufacture a material which will be absolutely uniform, and at a cost for labor much below the present cost. With the cost of manufacture reduced to a minimum and with the aid of motor trucks in delivering material this class of work can be performed with an increased saving of many thousands of dollars per annum.

CURB DRESSING.

Upon the acceptance of any street by the Board of Public Works, it becomes the duty of the city to maintain that street. This includes replacement of any granite curbing which has become broken or worn to the extent that it needs replacement.

In any street which is being reconstructed, a great percentage of the curbing, although badly worn or burned, is redressed and reset on the job. That portion which is useless for redressing purposes is either hauled to some convenient dumping ground, or if the haul is sufficiently close to warrant, is taken to the Corporation Yard, where it is crushed and used for concrete as needed. The percentage of "redressable curbing," however, in some streets (streets within the boundaries of the burned district) is very small, as it is too badly burned and broken to warrant any expenditure in dressing. In this case entirely new curbing is supplied and set in its place. Ninety-eight percent of all of the curb dressing during the past fiscal year has been performed on the work, thus saving the cost of hauling to and from the Corporation Yard.

During the fiscal year just passed a total of 47,902 lineal feet of curbing has been redressed. The total cost per lineal foot, is forty-two and a half (42½) cents. This includes superintendence, labor and teams, new tools and the sharpening of old tools. The total cost of new curbing, delivered to the job, is seventy-six (76) cents per lineal foot. The net saving is therefore thirty-three and a half (33½) cents per lineal foot, or for the 47,902 lineal feet, amounts to sixteen thousand and forty-seven dollars and seventeen cents ($16,047.17). This amount, if expended for new curb, would deliver at the Corporation Yard a total of 24,688 lineal feet.

CURB SETTING.

During the reconstruction of a street the granite curbing, wherever necessary, is reset according to survey, to the established line and grade. This phase of the work is much more expensive in proportion than other classes of the work, owing to the fact that the sidewalk widths over most of the entire burned districts have been reduced from nineteen to fifteen feet or from fifteen to twelve feet, wherever the wider widths existed. This necessitates the complete removal of all curbing, good or bad; the breaking up and removal of the three or four foot widths of concrete sidewalks or sawing off and rebracing the planks of wooden sidewalks, removing the material, and preparing an entirely new bed before the curbing can be reset. It will be readily seen that the cost of removing and resetting the curb is only a small percent of the cost of the actual work performed. As it has been impossible to keep an account of the cost of the work in detail, the actual cost of the removal and resetting of the curb cannot be shown as a separate item.

A total of 69,513 lin. ft. of curbing has been reset during the year.

BUREAU OF ENGINEERING

San Francisco, July 31, 1914.

To the Honorable, the Board of Public Works,
Of the City and County of San Francisco.

Gentlemen:—Transmitted herewith is the annual report of the Bureau of Engineering for the fiscal year 1913-1914.

Besides a detailed account of the work performed during the said fiscal year, I have included a brief description of the various projects under the direction of this bureau recently completed, those now under construction, and those for which plans and specifications have been prepared, in order that the report may be useful as a source of accurate infomation on these subjects.

Almost all of the money available for sewer construction from bonds authorized in 1903 and 1908 has been expended. The amount paid from these funds during the past fiscal year was $458,374.01, with which 8.71 miles of sewer have been added to the system.

The Auxiliary Water Supply System for Fire Protection, as originally planned, has been completed, and San Francisco is now provided with better fire-fighting facilities than any city in the world. At present 71.8 miles of distribution mains protect an area of over 5200 acres.

Phenomenal progress has been made in the design and construction of the Municipal Railways, their appurtenances and equipment. A year has not yet elapsed since bonds to the amount of $3,500,000 for this construction were authorized at an election held on August 26, 1913. During this period all plans and specifications have been prepared, over four miles of double track have been laid, and over seven miles additional are nearing completion. Of the 125 cars ordered for these lines seventy-four have already been completed. Work on the Municipal Railways, and on the equipment, will be completed well in advance of the opening of the Panama-Pacific Exposition.

Much has been done toward the extension and improvement of roads and pavements. A suitable boulevard, entering San Francisco from the south, has long been an urgent necessity. The paving of Junipero Serra boulevard with asphalt on a concrete base will provide this necessary link to the State Highway in San Mateo county. The above work is now 60 per cent completed. During the past ficsal year an aggregate area of 375,000 square feet of roadway has been paved and 55,000 square feet of sidewalk laid.

Work on the Stockton-street tunnel is fast nearing completion. On June 30 the entire arch and side lining had been finished and the rock core was being rapidly removed with a steam shovel. Cars will be in operation through the tunnel by November 1.

For the construction of the Hetch Hetchy dam a transportation road, 9.09 miles in length, with a 22-ft. roadbed and a maximum grade of 4 per cent, is now in course of construction. Hydrographic and climatological data is still being obtained for San Francisco on the upper Tuolumne. This work is in charge of the Division of Water Resources, United States Geological Survey.

A careful appraisal of the properties of the Spring Valley Water Company has been completed and will be used as a basis for the purchase by the city of these buildings of this corporation which it will be economical and advantageous for San Francisco to acquire.

Plans and specifications for Twin Peaks tunnel were completed during the past fiscal year, and bids for its construction will be received on August 19.

Included in the report are also brief descriptions and financial statements of the work performed during the year by the Department of Surveys, Hydraulic Department, Testing Laboratory and Photographic Department.

Respectfully submitted,

M. M. O'SHAUGHNESSY,

City Engineer.

SEWER SYSTEM.

During the fiscal year 1913-1914 almost all of the funds still available for sewer construction from the sale of bonds authorized November 2, 1903, and May 11, 1908, have been used. San Francisco's sewer system, while still incomplete, is highly creditable. The extent and excellence of the work performed is more than commensurate with the amount of money expended.

Following is a brief description of the system as now constructed, together with a detailed account of the work performed during the past fiscal year.

San Francisco is divided into two main drainage districts, one sloping westward toward the ocean, the other draining toward the bay on the east. Due to the uneven topography of the city both of these drainage areas are subdivided. Previous to 1906 over 125 sewer outlets discharged domestic sewage along the bay shore. By the present system the number has been reduced to five. Provision has been made for several storm water relief outfalls, the locations of which are indicated on the accompanying relief map. Points of outlet for domestic sewage were chosen where, by reason of strong tidal currents, a maximum sewage dilution would be obtained. These points were determined by an elaborate series of float observations.

The eastern drainage area is provided with three main intercepting sewers. The largest of these is the North Point main, over five miles in length, which extends from the Islais creek district to the foot of Grant avenue. This is of the combined type, namely, designed to carry both domestic sewage and storm water. It serves an area of approximately 12,000 acres and 80 per cent of the city's population. Storm relief outfalls from the North Point main are constructed at the intersection of Mission street with Islais creek; at Fifteenth and Harrison streets; on Howard street, at Fifth, Sixth and Seventh streets; at Second and Mission streets; in Sansome street, at Commercial street, Jackson street and Greenwich street.

In the low level districts of the eastern drainage area a separate system was constructed for house sewage. To provide drainage for deep basements and a flow free from tidal influence sanitary sewers were laid at considerable depth. It was, therefore, necessary to provide a pumping station at Commercial and Drumm streets, where sewage could be raised from the separate domestic system into the North Point main.

Two other large main sewers traverse portions of the eastern area. One is laid in Pierce street, and serves the northern slope of Pacific Heights and the Harbor View district, including the grounds of the Panama-Pacific Exposition. The other provides for the southern portion of the city, and discharges at Hunter's Point. A large sewer in Baker street has recently been rebuilt, to take care of the heavy storm run-off from the steep north incline of Presidio Heights.

The most important storm relief outfall in the district east of the boundary ridge is the Division Street Sewer. This structure contains three compartments, each 8 ft. x 9 ft. in the clear, and has a total capacity of 1800 cu. ft. per second at high tide. It is constructed in the former bed of Mission Creek, which is composed of slimy silt very unsuitable for a foundation, and therefore required a forest of piles to obviate the danger of settlement. The terminal yards of the

Southern Pacific Railroad extend above the sewer. It was, therefore, necessary in the design to provide for carrying the weight of the heaviest type of consolidation locomotive, with a safety factor for impact stresses. This sewer has been in use for several years, and there are no signs of cracking or settlement, and no in-seepage of the surrounding ground water.

The Lower Sunset Main Intercepting Sewer provides drainage for all of the laterals from the western drainage area. For storm water an outlet is being constructed through a tunnel on the line of 48th Avenue under the Sutro Heights property. This storm outfall will discharge a short distance from shore, opposite Mile Rock. Domestic sewage will be pumped from the Lower Sunset Main, and conveyed through a cast iron pipe sewer to a point beneath the Golden Gate Straits, 800 feet from the shore line.

Contracts for the construction of the Mile Rock tunnel and the sewage pumping plant above mentioned were awarded during the past fiscal year, and work on both will be advanced as rapidly as possible.

Reinforced concrete was used for combined and storm sewers in both districts and vitrified ironstone pipe for sanitary sewers. Wherever necessary to prevent settlement a pile foundation was driven before the sewer was constructed.

For design, the sizes of storm sewers were based upon the following factors: Rainfall rate for a continuous storm of one hour's duration 0.598 inches; for a period of concentration of 5 minutes 2.16 inches; for intermediate periods the rate-curve of increase is parabolic. For districts having 100 inhabitants per acre the run-off was taken at 75 per cent. For a population of 20 per acre a run-off of 30 per cent was assumed, with a uniform decrease between these limits. For the downtown districts, where all streets are paved and few vacant spaces exist, the assumed run-off was 85 per cent. An average allowance of 0.002 sec. ft. per acre was allowed for ground water infiltration. The average rate of domestic sewage contributed was assumed 70 gallons per 24 hours per person or 0.109 cu. ft. per second. The maximum rate of flow was taken as being 50 per cent in excess of the average or 0.163 cu. ft. per second per 1000 inhabitants.

Following is a detailed description of the work done during the past fisecal year:

AUXILIARY WATER SUPPLY FOR FIRE PROTECTION

During the fiscal year 1913-1914 the Auxiliary Water Supply for Fire Protection as originally designed has been practically completed. San Francisco is now provided with a better fire protection system than any city in the United States or abroad. Funds for the construction were available from the sale of bonds authorized May 11, 1908.

The system as at present constructed consists of two distinct parts, namely a high pressure pipe distribution system, with distributing reservoirs and pumping station; and a series of independent cisterns especially designed to withstand severe earthquake shock.

The area protected by the 71.8 miles of distribution mains of the high pressure system comprises over eight square miles, and is divided into two zones; the upper including those districts whose elevation is greater than 150 ft., the lower including those portions having an elevation less than 150 ft. The upper zone is supplied from a 500,000 gallon steel distributing reservoir situated on Clayton Street, near Seventeenth Street, at an elevation of 490 ft. The lower zone is supplied from a 1,000,000 gallon reinforced concrete distributing reservoir at an elevation of 330 ft., situated at Jones and Clay Streets. Both of these reservoirs can be connected directly with the 10,000,000 gallon main storage reservoir, located near the summit of Twin Peaks, at an elevation of 760 feet. This reservoir is of reinforced concrete. The concrete on the sides of the reservoir, laid to the slope of one on two was poured quite wet between longitudinal side forms 12 ft. apart. On top of the longitudinal side forms 3x12 ft. covers were placed one at a time as

the concrete was poured to hold it to the slope. Concrete for the sides and bottom of the reservoir was 1:2:4, waterproofed with hydrate of lime.

Compartments are separated by a narrow buttressed wall of concrete heavily reinforced. The stability of the wall depends on the condition that when one compartment is full and one empty, there must be no over-turning movement due to an accumulation of water under the floor of the reservoir. Such an accumulation is prevented by a system of over 10,000 ft. of 6-in. and 8-in. ironstone pipe subdrain under the reservoir lining. Two springs encountered during constructions were drained by this system. Most of the reservoir is built on an excavated area of chert and sandstone. Where fill was necessary it was made by scraping in fine rock and clay mixed, depositing this in 4-in. layers and thoroughly compacting each layer by rolling with a 5-ton steam roller. Before placing this fill all soil and soft material were removed from the area that the fill was to cover. This together with all the material excavated from the reservoir site was removed beyond the roadway which surrounds the reservoir, covered with fertilized loam and planted to grass, thus giving added stability to the embankment.

Outlet pipes, which are used also for filling the reservoirs, are 20-in. in diameter. They are in tunnels 7 ft. high and 7 ft. wide in the clear, lined on bottom with 6-in. and on the top and sides with 13 in. of 1:2:5 concrete, reinforced. The overbreak was filled with spalls and 1:3:6 concrete. The tunnels are at such depth that the pipes in them will run full until the reservoir is entirely empty. The tunnels also contain 10-in. pipes connecting to the subdrains and to the sumps in front of the forebays, allowing the removal of any silt or mud that may collect in the reservoir bottom.

Regulating gates for each compartment consist of two 2x3 ft. sluice gates in the forebays, and a 20-in. gate valve on each outlet pipe. The water passes through four-mesh brass wire screens and the gates can be so regulated that in case of trouble with either main outlet pipe, water can be taken from either compartment through the other outlet pipe. For this purpose a 20-in. connection is provided between forebays and also between gate chambers. These connecting pipes are in tunnels and are imbedded in the concrete which completely fills the remainder of the tunnel.

When first constructed considerable leakage occurred at the specially designed expansion joints. This leakage has been completely eliminated as later described in this report.

PUMPING STATIONS

Pressure in the mains can also be maintained by two salt water pumping stations. One is located at Second and Townsend Streets, the other on the United States Military Reservation at Fort Mason. Both buildings are of reinforced concrete, specially designed to withstand earthquake shock.

The equipment of the Townsend Street station consists of four Curtis turbine-driven pumps, each capable of supplying 3,000 gallons per minute at a pressure of 305 pounds per square inch. They are of a non-condensing type, 750-hp. 1,800 r. p. m. Eight 350-hp. Babcock and Wilcox boilers supply steam to the turbines. The remainder of the equipment comprises one 10-kw. electric light engine, two feed pumps, two oil pumps, two feed-water heaters, with appurtenances. Six fresh water reservoirs were constructed below the floor of the building in order that a supply of fresh water for the boilers could be maintained continuously, independent of the supply from the Spring Valley Water Company's mains. The fresh water and oil storage provided is sufficient to operate the entire station for 96 hours without receiving additional oil or water from outside the station. Space has been provided in the station for the installation of two additional batteries of boilers and two additional pumps, should it be considered desirable at a later date to increase the capacity of the station.

A reinforced concrete conduit leads from beneath the pumping station down Townsend Street to the water front, where it connects to the bay below the level of low water.

Two 20-inch cast iron pipes leading from the station are laid, one on Second Street and the other on Townsend Street, Stanford Street and Brannan Street, so that an accident to either pipe will not involve the other.

The equipment of the Fort Mason station consists of six 400-hp. Stirling boilers, four Curtis turbine pumps, one 50-kw. and two 100-kw. reciprocating generators, two feed pumps, one circulating-water pump and engine, one condenser and two feed-water heaters.

It is intended to use these pumping stations only in case the fresh water supply from the distributing reservoirs is cut off by breaks in the mains due to earthquake, or other causes. For ordinary fires fresh water is better adapted, as it causes less damage than salt water to perishable goods, and is as efficient in extinguishing flames.

PIPE DISTRIBUTION SYSTEM

Pipe in the distribution system is of cast iron, varying in diameter from 20 to 10 inches, with leaded joints, specially designed to allow the maximum lateral movement without leakage. Two types of pipe joint were used, one for the solid ground in the upper districts, where earthquake vibration produces a minimum effect, the other for the filled-in lower portions of the city, where the movement would be a maximum. For the first locations bell and spigot pipe was used, while in the district more seriously affected by earthquake, a double spigot sleeve joint, which allows twice as much lateral motion as a bell and spigot connection, was adopted.

Pipe was supplied by the United States Cast Iron Pipe Company at a price of $19.90 per ton for bell and spigot pipe and $20.50 per ton for double spigot pipe f. o. b. cars at Bessemer and Anniston, Alabama. This pipe is substantially in accordance with the specifications of the New England Water Association and was tested at the factories where it was cast by R. W. Hunt & Co. Upon its arrival in San Francisco each piece was tested in a specially designed machine under twice the working pressure to which it is actually subjected in the system, and all defective pipes discovered at the time were rejected. After being held, each section of pipe was tested by the engineers of this office under pressure 50 per cent greater than that to which it will be normally subjected, and again all defective pieces were removed and replaced by perfect pipes, when the section was again tested.

The two thousand gate valves connected with the pipes of the distribution mains enable the Fire Department to cut out any section which may be broken, without materially affecting the efficiency of the remainder of the system. Except where pipes cross, any section can be cut out by closing two valves. At crossings it will be necessary to close four valves, and in two or three exceptional cases, five valves. These gate valves were designed in this office and every detail of their construction was carefully inspected during the course of their manufacture.

In all 889 hydrants, having three 3½-inch outlets each, are connected to the distribution mains by 8-inch branch pipes. These hydrants are all fitted with shut-off king-valves below the surface of the street and with auxiliary nozzle valves on each outlet. The hydrants were manufactured by the Union Iron Works Company of this city from designs similar to those of the hydrants in use in New York City. The material and workmanship entering into their construction were thoroughly inspected by this office during the course of their construction.

CISTERNS

Eighty-five reinforced concrete cisterns have also been constructed as a part of the Auxiliary Water Supply System. These are intended to serve as a source

of supply if due to any contingency the high pressure system is severely disabled. They are constructed beneath the surface of street crossings and are supplied from the Spring Valley mains. No pipes for filling or emptying are rigidly connected with the cisterns in order that no disrupting stress could be exerted by such a connection in case of vibration. The average capacity of our cistern is 75,000 gallons. They are designed in order to vibrate without rupture and are constructed of a 1:2:4: concrete, waterproofed with Medusa compound.

FIRE BOATS

Additional protection to the water front and shipping interests is afforded by two fire boats which are constructed with steel hull and deck house. Their dimensions are: length 120 ft., beam 26 ft., draft 11 ft.

Each boat is fitted with two Babcock & Wilcox water-tube boilers, having an aggregate heating surface of 5,400 square feet. The propelling engines, of which there are two for each boat, are 13 in. x 28 in. x 20 in., compound condensing engines. The speed of either boat is 12 knots per hour. Each is equipped with two steam turbines of the Curtis type and two stage turbine pumps, having a nominal capacity of 9,000 gallons per minute, against a pressure of 150 pounds per square inch.

The fire-fighting equipment consists of: Three 3-in. monitor nozzles, two 2-in. monitor nozzles and twenty 3½-in. hose connections.

When tested by the Committee on Fire Protection of the National Board of Fire Underwriters' in 1910 the actual capacity of one of these boats was found to be 9,870 gallons per minute against a pressure of 150 pounds per square inch, 10,310 gallons per minute against a pressure of 139 pounds per square inch.

The capacity of the pumps against a pressure of 300 pounds per square inch was not determined.

FIRE ALARM SYSTEM.

In connection with the high pressure pipe system a series of ducts were laid in the same trenches with the pipes to provide for the cables of the new fire alarm system.

The central fire alarm station will be situated in Jefferson square. The building will be located at a sufficient distance from adjacent houses to eliminate any fire hazard. In design the structure will harmonize with its surroundings in the park. It will be approximately 63 ft. by 70 ft., of the Italian Renaissance style of architecture. It will be entirely fireproof, of reinforced concrete, surmounted by a tiled roof. Special provision has been made in the heating and lighting arrangements to eliminate any possibility of their being the means of crippling the fire alarm service by causing short circuits. Specifications for the mechanical and electrical equipment were 90 per cent complete at the end of the past fiscal year. The plans are for forty-one marble switch panels in the main operating room of the station. These panels will be divided in such a manner that twenty-two will receive alarms from street boxes; eight will transmit alarms to engine houses; four will serve as a means of communication between the engine houses and the central office; six other panels will be provided to care for any circuits which may be temporarily disabled. The switchboard will have an ultimate capacity of 154 circuits, 92 of which will be installed immediately. In addition to the switchboard for the fire alarm lines provision is made in the station for the various power arrangements necessary to furnish electricity for the operation of the system. This equipment includes motor generators, gasoline engine generator and storage batteries. The entire central fire alarm station will be absolutely independent of any source of outside power or assistance.

MUNICIPAL STREET RAILWAYS.

San Francisco officially declared itself in favor of municipal ownership in 1908, when its electorate adopted a new City Charter in which the intention of the City to acquire, own and operate public utilities was expressly stated. After the issuance of a $2,000,000 bond issue was defeated by a narrow margin at an election held in June, 1909, a second election was called for December 29 of the same year, at which two municipal railway bond issues were submitted. One provided for $1,900,000 with which to build an electric line on Geary Street, extending from Market Street to the Ocean; the purpose of the second, amounting to $120,000, was for the construction of a line down Market Street, from Geary Street to the Ferries. Both propositions carried by a three to one majority.

Construction of the Geary Street Railway was started in the summer of 1911 and rapidly advanced to completion. The cost of constructing this road was $103,564.00 per mile, and the financial returns on the money expended have been very satisfactory. Encouraged by these results, and realizing that the success of the Panama-Pacific Exposition depends largely on the adequacy of street railway transportation facilities to the Exposition Grounds, by a resolution passed on February 17, 1914, the Board of Supervisors requested the Board of Public Works to submit to it

> "A preliminary plan with approximate estimate of cost, designed to furnish to the Panama-Pacific Exposition a fully adequate municipal system of street railway service to include equipment thereof.
>
> "Also submit similar plans and estimates of such additional extensions of the Municipal Railway as may be deemed presently necessary and desirable and sufficiently profitable to insure no subsequent charge upon the general funds of the City."

A report was accordingly submitted by the City Engineer.

On the basis of this report a proposition was submitted to the electorate on August 26, 1913, providing for the issuance and sale of bonds to the amount of $3,500,000 for the construction of a Municipal Railway System and the purchase of equipment therefor. The routes finally adopted are almost identical with those recommended in the report.

They are as follows:

Van Ness Avenue Line—

Constructed on Van Ness Avenue from Market Street to North Point Street; length, 2.04 miles.

Chestnut Street Line—

Constructed on Chestnut Street from Van Ness Avenue to Scott Street; thence on Scott Street to Greenwich Street; thence on Greenwich Street to Steiner Street; thence on Steiner Street to Union Street, where connections are made with the tracks of the Union Street Line; length, 1.22 miles.

Potrero Avenue Line—

Constructed from Market Street and Van Ness Avenue, across Market Street to Eleventh Street; thence along Eleventh Street to Division Street; thence along Division Street to Potrero Avenue; thence along Potrero Avenue to Twenty-fifth Street; length, 1.99 miles.

Union Street Line—

The property of the Ferry and Presidio Railway Company was acquired during December, 1913, and placed in operation as a Municipal Railway on the 11th of December last. This street railway is operated along The Embarcadero from the Ferry to Jackson and Washington Streets; thence to Columbus Avenue;

thence on Columbus Avenue to Union Street; thence out Union Street to Larkin Street; thence to Vallejo Street; thence to Franklin Street; thence to Union Street; thence out Union Street to Baker Street, down Baker to Greenwich Street; thence on Greenwich Street to the Presidio Military Reservation. The total length of this line is approximately 3.9 miles, of which slightly over one-half mile will have to be reconstructed.

Columbus Avenue Extension to Union Street Line—

To be constructed on Columbus Avenue from Union Street to North Point Street; thence on North Point Street to Van Ness Avenue; thence on Van Ness Avenue to Chestnut Street; where connections will be made with the tracks of the Van Ness Avenue line; total length, 1.26 miles.

Fort Mason Extension to Union Street Line—

Connection is to be made with the tracks of the Columbus Avenue extension to the Union Street line at Bay Street and tracks are to be constructed through the Fort Mason Military Reservation to a terminal on Laguna Street between Jefferson and Beach Streets; total length, .48 miles. At the terminal a loop will be constructed in Laguna Street, between North Point Street and Beach Street, opposite one of the entrances to the Panama-Pacific Exposition. This will gratly facilitate the handling of the immense number of visitors to the Exposition Grounds.

Stockton Street Line—

Now being constructed on Stockton Street, from Market Street to Columbus Avenue, where connection will be made with the tracks of the Union Street line; total length, .97 mile. Every indication now points to the completion of this line by October 15, 1914. Work on the Stockton Street tunnel is rapidly nearing completion, and will soon be sufficiently advanced to permit the laying of tracks through the bore.

Church Street Line—

To be constructed from Market Street and Van Ness Avenue out Market Street to Church Street; thence on Church Street from Market Street to Thirtieth and Church Streets; total length, 2.54 miles. It has been the endeavor of this office to adopt a plan for overcoming the steep grades on Church Street from Eighteenth Street to Twenty-second Street, that would be agreeable to all of the property owners affected. So far no agreement has been reached among these interested parties, so the construction of this line has been somewhat delayed. It is hoped, however, that it will be begun at an early date.

Masonic Avenue Extension to the Geary Street Line—

Owing to the recent completion of a baseball park on Masonic Avenue, between St. Rose Avenue and Turk Street, it was deemed advisable to construct an extension to the Geary Street line along Masonic Avenue from Geary Street to Turk Street. This work was authorized by the Supervisors and the road was built and put into operation for the opening of the ball park. The length of the line is .26 mile.

California Street Line—

Connection will be made with the Geary Street Line at 2nd Avenue; thence north on 2nd Avenue to Cornwall Street (sometimes called California Street South); thence westerly along Cornwall Street to its intersection with California Street and thence to 33rd Avenue. Total length cut off, 2.04 miles.

The type of track construction adopted as a standard for these Railway extensions follows almost identically that of the Geary Street Municipal Railway, which has proven most satisfactory. Briefly, this consists of 9-in. 106-lb. girder grooved rail in 60 and 62-ft. lengths, and 9-in. 129-lb. girder guard rail in 30 and

32-ft. lengths. These are laid on tie-plates over 6 x 8-in. x 8-ft. redwood cross-ties, at 2-ft. centers, with ⅞-in. round tie-rods spaced 10-ft in straight track and 5-ft. in curves. Rails in curves are supported by brace tie-plates. Joint plates are 36-in. 12 bolt joints of standard section. The depth of broken-rock ballast is 8-in. under the ties in standard track and 15-in. under the ties in special work. Copper rail bonds aggregating 900,000 circular mils. section, are brazed directly to the rails by means of an electric bonding machine.

The curves have been so designed as to give passing cars clearance of not less than 12-in.

All track special work is of solid manganese steel, and consists so far as possi ble of interchangeable switches, mates, frogs and cross pieces, which in various combinations will compose any lay-out of branch-offs, cross-overs and right-angle crossings, or combinations thereof, in standard 9-in. track. In the design of these standard pieces an endeavor was made to reduce the number to a minimum, as their interchangeability will facilitate maintenance. The total number of pieces of different design is 35. The section of all joints in track special work is such as to permit the use of the standard joint plates without modification.

The roadbed for those portions of the Municipal Lines at present completed has been excellently and rapidly constructed. A 3-in. sharpened circular steel flange attached to the cylindrical surface of a steam roller was used in cutting the asphalt surface of the street pavement. This wearing surface and the concrete base beneath were then broken by a 2-ton drop hammer pile driver, so mounted on skids as to permit of being swung from side to side of the trench and at the same time moved forward as the pavement was broken up. The broken concrete base was next removed from the trench and fed to a movable crusher, which reduced it to ballast size. The roadbed was then excavated to sub-grade by means of a half-yard steam shovel. Six inches of this crushed concrete was then spread on the sub-grade and flushed with sand, after which the surface was rolled with a 10-ton steam road roller.

Ties were then laid, the rails placed on the tie plates, the joints bolted temporarily and the rails spiked to gauge. One-sixteenth of an inch is the maximum permissible variation of gauge from the standard of 4 ft. 8½ in. Straight rails and track special work were hauled to the job by four-horse trucks, and ties and smaller materials by auto trucks.

All rail bending to horizontal and vertical curves was done by the contractor; some in the field by means of an hydraulic rail bender operated by a hand pump, and some by power machines at the rolling mills or railroad shops.

The track was next raised to grade and 2 in. of ballast tamped under the ties. The joint-plates were removed, the rails bonded, the joint-plates replaced and fastened permanently, and the tie-rods put in place. Such drilling and reaming as was necessary was done with a portable electric track drill. The lining and surfacing gang then adjusted the track to perfect line, gauge and grade. The space between the ties was next filled with ballast, the concrete base for header blocks and pavement was poured and the pavement replaced.

One hundred and twenty-five new cars have been purchased for the Municipal Railway. They are of the California semi-steel type, 47-ft. 1-in. in length over bumpers, 9-ft, 2½-in. in width and 11-ft. 8-in. in height from the top of the rail to the top of the trolley board. They are of the same length as the cars now in use on the Geary-street line, but of greater width and will accommodate more passengers. Being of improved structural design they are lighter in weight, which tends toward reduction of maintenance costs.

All of the structural parts of the car, up to the window sills, are of steel and so formed as to give extreme rigidity with a minimum of weight. The construction above the window-sill line is of the finest grade of California wood. The roof is notable in that no inner lining is provided, the roof boards being of white cedar,

which was purchased in San Francisco by the car builders and shipped east to the factory. This wood was selected for grain and color and has been varnished, presenting a very pleasing appearance, and at the same time reducing the weight of the roof structure without sacrificing anything in the way of strength.

The motor and control equipment consists of four Westinghouse No. 306 Box Frame 50-60 hp. 600 Volt Enclosed Street Railway Motors with type "HL" control. These enable the car rapidly to be brought to full speed and are of sufficient power to enable them to surmount heavy grades at a normal operating speed.

The air-brake equipment is what is known as the Straight Air Type. Special additional features looking toward safety have been provided as emergency devices. A valve is installed under the car which will automatically set the brakes in the event of any of the air-brake pipes or appurtenances being disabled. At each end of the car, within reach of the conductor, an additional emergency air valve is placed, by means of which the car may be brought to a stop.

It is believed that these new cars, as designed and constructed for the Municipal Lines, will prove the most satisfactory from an operating and maintenance standpoint of any cars that have been operated upon the streets of this city, and that they are excelled by none in the United States.

Attention is directed to the following paragraph of the report of April 5, 1913, presented herewith:

> "The Van Ness avenue line will be commenced first; then the Potrero avenue extension of the Van Ness avenue line, and the remaining lines as fast as material arrives. It is estimated that the Van Ness avenue line can be completed within twelve months after contracts for the delivery of material are entered into, and the remaining lines (with the exception of the Church-street line) in sixteen months. This will make the time required for the construction of the Van Ness avenue line sixteen months after the date upon which the preparation of plans and specifications is commenced, and for the remaining lines twenty months."

It is with pleasure that I am able to report that phenomenal progress has been made both in the design and the construction of the Municipal Railways, their appurtenances and equipment. Despite the fact that the estimated time allowed in the preliminary report was shorter than for many similar installations by private corporations this assigned period for construction has been reduced by some 20 per cent. Although the Municipal Lines will be a main factor in accommodating Exposition traffic, the routes have been so chosen that they will prove a paying investment both before and after the Exposition.

STREET PAVEMENTS, ROADS AND BOULEVARDS.

With its peculiar topographical features, San Francisco presents to the Highway Engineer probably as many difficulties to a proper design of pavements as any other large American city. Especially is this true in the matter of grades. For example, in one of the most thickly populated sections of the city—Kearny street, from Vallejo street to Broadway—a block paved with cobbles has a gradient of 29.8 per cent. On Fillmore street, where a double-track electric car line is operated, for about two-thirds of the distance between Vallejo and Green streets—also paved with cobbles—the grade is 26.5 per cent. On Chestnut street, between Polk and Larkin streets, which has just been graded, the gradient for part of the block is 55.5 per cent. There are many paved streets in the city whose gradient exceeds 20 per cent.

A problem of an entirely different nature presents itself in that large filled-in section, where property values are exceedingly high, and most of the large business interests are centered. The prevention of pavement subsidence is there a serious problem.

That there was little thought for the future in the early periods of San Francisco's development, and no well conceived plan either in the location, alignment or gradient of the streets, or a proper selection of pavements, is too plainly evident. Its history in this respect is not unique. It is like that of nearly every other large American city. Nor were conditions materially improved until a new city charter went into effect on January 8, 1900. Following the adoption of this new charter a Board of Public Works was established, which in turn appointed a city engineer, and only since that time have definite plans in the treatment of the city's pavement needs been followed. Immediately following the reorganization one of the first steps was to install an up-to-date engineering laboratory, equipped with the most modern apparatus for the testing of paving and other engineering materials. This department has been constantly improved until at the present time it is considered one of the best engineering laboratories west of the Rockies.

Many difficulties were experienced in the changing from the old to new methods. The public had to be educated gradually. Politicians of the old school did not take kindly to the new and scientific way of designing and laying pavements. These, together with some of the street contractors, did all in their power to hinder development, but their opposition was finally overcome.

California being the largest oil, asphalt and bituminous rock producing state in the Union, it is natural that the majority of this city's permanent pavements should be either bituminous rock or asphalt. Availability of supply has much to do with deciding the type of pavements that predominate in any locality. Formerly the bituminous rock, as it came from the mines, was placed in closed kettles and reduced to a powder by a simple, though undesirable, agency of steam. This resulted in an excessive moisture content. It was then spread on the street, with disastrous results in many cases. No particular attempt was made properly to grade the material as it arrived from the mines. It was a guess whether on any particular block the property owners would get a hard, medium or soft grade of bituminous rock pavement. Often the only foundation was a badly drained macadam or the irregular surface of an existing cobble pavement.

This same material is now handled in an efficient manner, being properly graded and reduced by the action of heated dry air. Recently, however, most of the street pavements that have been laid in this city have been of asphalt. Some of the chief investigations of the chemist in charge of the engineering laboratory have been the California asphalts, asphaltic mixtures and various combinations of binders and wearing surfaces. Every effort has been exerted to obtain the best grade and combination of ingredients to suit particular conditions. After a long series of experiments very satisfactory results have been obtained. The following cases will be cited as illustrative of the most recent and best examples of what has been attained in the use of this material:

On Geary street, from Market street to Van Ness avenue, on which there is fairly heavy vehicle traffic, an asphalt pavement was laid for the entire width of the roadway, excepting the header blocks on either side of the rails on the municipal railroad and the 26 in. basalt block gutters. This pavement was laid on a standard 6 in. cement concrete foundation and consisted of a 2 in. asphaltic binder course and a 1½ in. asphaltic wearing surface. The crown was made much flatter than those used formerly. One of the most common mistakes previously made in the design of street crowns for asphalt pavements was their excessive height, with the inevitable result that the material thinned out at the crown and increased in thickness on the gutter area, as might be expected with a viscous material of this nature under the pressure of traffic accompanied by an increase of atmospheric temperature. There has been no appreciable rolling or creeping of the above pavement, and none is expected.

In the rapidly growing outlying districts where the traffic is of a lighter nature, consisting mainly of light motor vehicles and delivery wagons, a thinner

section of asphalt surface has been decided upon for recent pavements. Ten blocks at the western end of Lincoln Way, in front of Golden Gate Park, were recently paved wtih asphalt, consisting of a 2 in. asphaltic wearing surface on a 6 in. cement concrete foundation. This completed the paving of a main trunk road fifty-three blocks in length, from the Panhandle to the beach. This will be one of the most important avenues in the Sunset district.

Another good example of asphalt pavement constructed recently is that along Ocean avenue, from Plymouth avenue to its junction with the Junipero Serra boulevard and Sloat boulevard. This pavement extends over the entire width of the roadway, which is sixty feet. Along the center a double-track electric road is operated, which leaves a clear width of roadway of twenty-two feet on either side of the tracks for vehicular trraffic. The pavement consists of a standard 6 in. cement concrete foundation and a 2 in. asphaltic wearing surface. This construction filled a long-felt want, for before it was undertaken the above roadway was a series of ruts in summer and mud holes in winter, which made travel over it extremely uncomfortable. The old alignment and grade were unsuitable, and it was necessary to substitute for many sharp angles and arcs long horizontal and vertical curves. The paving of this stretch of work has transformed one of the worst paved streets into the best, and has contributed to increase property values along its line. The extreme west end of this pavement terminates at the junction of the Sloat boulevard and the Junipero Serra boulevard, two of the important trunk lines of the city's rapidly growing boulevard system.

The most important paving contract undertaken by the city during the last fiscal year has been the repaving of the Junipero Serra boulevard, a stretch of roadway 1.6 miles in length. On June 30, 1914, about three-fifths of the entire work has been constructed. Before reconstruction this boulevard consisted of a macadam roadway twenty-five feet in width, with a very high crown and dangerously low on the sides, and many portions were in a more or less disintegrated condition. It followed in general the natural undulating surface of the ground. In reconstruction the first step after the completion of the survey was to correct the existing grade by eliminating sharp verticals and introducing in their place long and smooth curves. The grade was straightened as far as possible without making heavy cuts or fills which were prohibitive, as the amount of money available for this construction was very limited. The specifications provided for the following work: The paved portion of the roadway is to be 25 ft. in width with 5 ft. rock shoulders on either side and slopes on fill of 1½ to 1. Gutters are 5 ft. wide and 22 in. deep. At stated intervals concrete culverts provide for the diversion of storm water. A flat crown was adopted for reasons already explained, and because the longitudinal grade amply provides for drainage. The base is of standard cement concrete, 6 in. thick, with the sides raised 8½ in. and made 6 in. wide, so as to enclose the asphalt pavement on top and prevent creeping. The concrete is covered with asphaltic binder 1½ in. thick and over this is a 1-in. asphaltic wearing surface. The thickness of this pavement is much greater than any recommended or constructed by the State Highway Commission, and in durability and excellence it will be superior to any of the state highways.

The owners of St. Francis Wood, an adjoining tract, have recently received a permit to reconstruct Corbett road, where it fronts on their several properties, for a distance of approximately 6000 feet. The present plans contemplate the laying of an asphalt pavement 40 ft. in width for the entire length. This road adjoins the Junipero Serra boulevard at Ocean avenue, and will be a very desirable addition to the boulevard system. A mile or more west is the Nineteenth-avenue boulevard, one of the oldest of the system. It forms a direct connection between Lincoln Way and the Sloat boulevard, and is about 3¾ miles in length. While at present its surface is almost entirely of macadam, if the present plans of the Board of Works are followed it will not be long before its entire length is covered with a sheet pavement.

A recent innovation has been the selection of a hard-burned, vitrified paving brick with irregular and pronounced kiln marks, to replace the unsightly and irregular cobble pavements. The bricks are laid on a concrete base and the interstices filled with cement mortar containing two parts sand to one of cement. While this pavement is only in the experimental state at the present time, indications are that it will give excellent results.

At the present time street specifications are being entirely revised by the City's Engineer's office, and will, when completed, embrace all of the best modern pavements, including asphalt, creosoted wood blocks, vitrified paving brick, bituminous rock, basalt block and others. Considering the serious handicap imposed by previous faulty construction and the damage done to pavements by the fire of 1906 San Francisco's recent progress in pavement construction has been remarkable.

MUNICIPAL GARBAGE INCINERATOR.

Preliminary to the design of a new municipal garbage incinerating plant a study was made in 1908 of the refuse collected in San Francisco. The probable increase in population was calculated, and from this deduced the probable amount of garbage to be disposed of at various periods during the city's growth. It was found that even at the time the investigation was made the plant of the Sanitary Reduction Works, in which material from all portions of the city was incinerated, was totally inadequate and obsolete in design. The smoke from its chimney was excessive and the cause of frequent complaint. It was, therefore, decided to purchase the land and plant of the Sanitary Reduction Works in order to work no financial injury to a private corporation, and to construct two new incinerators of the most modern and efficient type in which to dispose of garbage in a sanitary manner at a minimum cost to the private individual.

One incinerator has already been constructed by the city on a block of land south of Army street, which extends from Kansas street to Rhode Island street. This plant consists of two buildings, the larger of which is 122 ft. 6 in. by 54 ft. 2 in., and contains the furnaces, boilers, pre-heaters, laboratory, men's room and offices. This building is of reinforced concrete with a steel frame. The chimney, also of reinforced concrete, is 154 ft. 6 in. in height and 17 ft. outside diameter at the bottom. The chimney walls are 12 inches thick at the base, tapering to 5 inches at their top. A fire brick lining extends from the furnaces vertically upward a distance of 100 ft., leaving a clear inside diameter of 8 ft. for this portion of the chimney.

The equipment of the main building consists of two sixty-ton incinerating furnaces, together with the appurtenances and accesories for their operation, which include weighing apparatus, mixing device, clinker crushing and screening plants, storage hopper for crushed clinker and a baling press for tin cans and scrap iron.

The clinker storage building is of reinforced concrete, 52 ft. 6 in. by 26 ft. in plan. This contains the clinker storage bins, hydraulic accumulator, baling press, shower and locker rooms, storeroom and toilet. Both buildings are absolutely fireproof, no combustible material of any description having been incorporated into their construction.

Refuse is dumped from wagons at street level into a storage pit adjoining the main building, whence it will be handled mechanically throughout every stage of the process of incineration until ready to be drawn off as crushed and sized clinker as a salable article for building purposes.

There are eight grates, on which refuse is consumed without any additional fuel. Above each grate is a drying screen to which the garbage is fed from separate containers. Each of the two sixty-ton units is provided with a water tube boiler of 1700 square feet heating surface and equipped with Foster superheaters which will furnish 100 degrees superheat. These superheaters are of the armored type and require no flooding or other special attention. In them the air is heated by utiliza-

tion of the gases from the boilers. To the preheaters which are operated by forced draft the air from the buildings circulates, thereby causing a complete change of atmosphere throughout the plant every eight and a half minutes. From the preheaters the air is forced over the white hot clinker piles and then to the furnace grates, where it supports combustion.

In the older type of incinerating plants clinker was removed from the furnace with hand tools. This process was exceedingly difficult and necessitated a consequent cooling of the furnace because the fire doors were kept open for considerable periods. In the recently constructed incinerator the entire grate is movable and the entire charge of clinker is ejected by hydraulic machinery. The grate is slid from its position over the fire and tilted by merely throwing a lever on the stoker platform.

When ejected from the grates clinker is partially cooled by contact with the air which is supplied to the furnace for combustion, thus conserving a considerable amount of heat. It is then conveyed to the crusher, where it is dumped automatically and thence transported by a belt conveyor to the storage building, where it falls into sizing screens.

A completely equipped laboratory and repair shop will serve to keep the plant up to its proper degree of efficiency. Much care has been exercised in the supervision of construction and installation. As a result some delay has been occasioned because the city will not accept the plant from the contractors until the specifications have been fulfilled, which means that the process of incineration be as nearly perfect as conditions will allow.

Surplus steam will be utilized as a source of revenue by supplying it at a reasonable price to neighboring tanneries and factories. It will also be utilized in the adjoining Isolation Hospital for supplying heat and power.

The following is a detailed account of the work done during the past fiscal year:

Contract No. 1—For the construction of two incinerating plants, each with a capacity of 120 tons in 24 hours, one in the North Beach district and one in the Islais creek district, a contract was awarded on November 23, 1910, to The Destructor Company, for the estimated sum of $263,216.

On June 30, 1913, building and equipment were 95 per cent finished. During the past fiscal year the contract was completed, but changes were recommended in the mechanical equipment, in order to increase the efficiency of the plant. These changes were incumbent on the contractor, and on June 30, 1914, were practically finished. The sum of $124,653.27 has been paid to the contractor on account.

SAN FRANCISCO MUNICIPAL ASPHALT PLANT.

The city of San Francisco has under construction a new plant for the manufacture of asphaltic pavement. The cost for buildings and machinery will be approximately $57,000. The plant, property and railroad facilities represent an investment of about $130,000. The capacity will be 180 loads or 320 cubic yards of wearing surface or binder per day.

All material will be brought to the plant on cars, no teaming being necessary. The sand, rock or gravel is then dumped from the cars into a concrete receiving hopper with a capacity of four carloads or 200 tons, from which it is hoisted to a screen and segregated into the proper bin. The elevator will have a capacity of 85 tons per hour and the screen is 48 inches in diameter by 22 feet long, with adjustable jacket. All lime dust will be unloaded from the car into a storage room, whence it can be taken as needed.

As designed, storage bins for the rock and sand are of reinforced concrete, 12 in number, 12 ft. square and 24 ft. deep, and have a combined capacity of 1536 cubic yards.

Under the storage bins are two belt conveyors with a capacity of 36 tons per

hour and the material will be fed from the bins upon the belt conveyors by special measuring gates. These gates can be opened or closed by a shaft gear directly over the belt, which in turn will be operated by the belt conveyor. On the shafts are fitted eccentrics which will operate a lever and by means of a pawl and ratchet the gate is revolved. Each gate will have a range of capacity of from two to twelve cubic feet per minute, and any mixture of fine or coarse rock or sand can be sent to the dryers. The material when taken from the belts will be hoisted by an elevator and discharged into the uptakes of the dryers. These uptakes are fitted with baffle-plates, over which the material slides, coming in contact with and being partially heated by the escaping gases before entering the revolving drying drum.

The drying cylinder is designed with an inclination of 1 to 12. Its shell is three-eighths of an inch thick, 5 feet in diameter and 12 feet long, fitted internally with eight 6-inch channels with their flanges turning in the direction of rotation. The material will be thereby carried up and dropped through the flame, gradually working its way toward the lower end. Each dryer is fitted with a firing hood, on wheels, similar to that used for an ordinary cement roaster.

Below the firing hood are two flight conveyors, each with a capacity of 36 tons per hour and designed for hot material. The flight conveyors will discharge to elevators of the same capacity, which in turn will empty into the small storage bins for hot materials ready for the mixer.

The lime dust will be conveyed from the storage room to the hot bins by a flat belt conveyor fitted with oak strips. Lime dust is then emptied directly upon the belt through a hopper and all the free dust rising will be drawn through a fan discharging into a centrifugal separator from which it falls back upon the belt.

The hot bins and mixing platform are to be of reinforced concrete and the dryer shed of steel and corrugated iron. Under the hot bins will be special measuring boxes for sand, rock, dust and asphalt. These consist of revolving cylinders open on one side. When the opening in any cylinder is opposite the bin material drops in and when the cylinder revolves again until the opening is underneath drops out into a hopper. The rock and sand cylinders have a capacity of three cubic feet per dump.

Asphalt will be fed to the mixers in a liquid state and is measured in horizontal cylinders having an internal piston worked by a screw and hand wheel. By changing the position of the piston the amount of asphalt used can be controlled. Each cylinder is steam jacketed and is fitted with a theremometer, so that the attendant can easily read the temperature of the liquid before injecting it into the mixer. Asphalt will be forced from the measuring cylinder into the mixer by means of compressed air.

The mixers are 4 ft. 8 in. long by 3 ft. 5 in. wide, with a capacity of 12 cubic feet per mix. The shafts are 3 in. square and are fitted with 12 sets of semi-steel paddles on each shaft. The shell is one-quarter inch steel plate and the heads are of cast iron. While the mixer works on one batch the next batch will be prepared in the hopper directly above. One man can perform all of the operations for each mixer.

A 60 horsepower boiler with superheater will furnish steam for heating the asphalt in the tanks, each tank having forty-eight 20-foot lengths of 1½ in. pipe, with all screwed joints welded. The temperature of the asphalt will be controlled by a thermostat operating a valve on the steam line. A steam line also furnishes a means of heating asphalt in the car, which will be unloaded by a 2½ in. gear pump, the suction and discharge piping being 3 in. in diameter, with an internal half-inch steam pipe for heating.

An oil-burning system for the boilers is to be operated with compressed air, which will also be used for blowing out the asphalt pipes when closing down. The plant will be equipped with a large centrifugal pump for pumping out any of the elevator pits should water collect.

All machinery will be driven by General Electric A. C. Motors, one 50 horsepower motor being used to operate the main elevator and screen, one 25 horsepower motor to operate the belt conveyors, elevators and dryers, one 25 horsepower motor to operate the flight conveyors' elevators and mixers. The air compressor is operated by a 10 horsepower slip ring motor, automatically controlled.

The machinery, materials and workmanship will be the best to be obtained, extra care having been taken in the design to eliminate, so far as possible, the wear of the machinery by the sand, rock and dust and to decrease the maintenance cost.

To operate the entire plant nine men will be required, one for the receiving hopper, one in the screen house, one for the dryer, two for the mixers, one for the boiler house, one for the dust shed, one to tend asphalt and dust cars and one superintendent.

The buildings and equipment were designed under the direction of this office.

STOCKTON-STREET TUNNEL.

On April 11, 1913, a contract was let to the Jacobsen-Bade Company for the construction of a tunnel in Stockton street, extending from Bush street to a point 162 ft. south of the center line of Sacramento street. Work was begun several months later and was delayed by interference with the foundation of the eight-story brick structure occupied by the Hotel Victoria, which extended into the tunnel right of way. It was, therefore, necessary to support the overhanging portion while a new brick foundation was inserted beneath it, beyond the limits of the tunnel. This operation was necessarily very slow, but was accomplished without any preceptible settlement of the heavy structure.

The length of the completed tunnel will be 911 ft. from portal to portal, with approaches 137 ft. in length on the north and 275 ft. on the south. The arch is oval shaped and the width at the springing lines is 50 ft. in the clear. Of this width 36 ft. will be occupied by the roadway, in the center of which tracks for the municipal railroad will be laid. A sidewalk 6 ft. 6 in. wide will accommodate pedestrians on either side of the tunnel. The height of the arch above the curb is 19 ft. in the clear.

Funds for the work were obtained by assessment of the property benefited. The proportionate amounts chargeable to each portion of lands within the assessment districts were determined by appraisers working under the direction of this office. The tax per square foot varied according to the area of the parcel assessed, its proximity to the portal, the direction of traffic, and whatever other local conditions tended to influence its probable increase of value.

Excavation for the approaches was in a clay shale formation. Three drifts, each 6x6 ft. in the clear, were run for the entire length of the bore before any of the lining was placed. The rock was next stoped out between these drifts, and the specially designed timber framing set. Due to the flatness of the arch and the small distance between the extrados and the ground surface, together with the fact that many deep trenches have been excavated in the street, thus loosening the material, practically the whole dead weight of rock between the arch and street surface above had to be supported during construction by the timber framing. Stulls of concrete carried the weight of the roof to an 8 in. I beam, bent to the curve of the intrados. The advantage of using concrete stulls was that they could be left in their original position when the overbreak was being filled with concrete, thus minimizing the danger of a cave-in when the false work was finally removed. Due to the severe conditions above stated, however, a chimney of loose material caved in the east drift, temporarily blocking progress. A different type of timber lining was then adopted by the contractors. Instead of the curved steel I-beam heavy longitudinal crown bars were substituted and these proved perfectly satisfactory.

Excavated material was hauled from the tunnel on cars pulled by an electric locomotive equipped with two 17½ hp. motors operated at 250 volts. On reaching

the open cut these cars were run out on a trestle and discharged into bunkers, beneath which auto trucks could be loaded to remove the material.

Concrete for the tunnel lining was placed by the pneumatic process, a specially designed patented system being employed. The mixing plant was located in an open cut near the south portal. Sand and stone were supplied by gravity from material bins above, into which motor trucks discharged directly from the street level. The concrete-placing machine was located about eight feet from the mixer. An eight-inch discharge pipe led from the bottom of the pneumatic drum to the section being concreted. The compressor had a capacity of 1250 cu. ft. of free air per minute, raised to a pressure of 115 pounds. It was driven by a 200 hp. motor. Under ordinary cnoditions a batch of 16 cu. ft. could be mixed and placed in one minute. A rate of 40 batches per hour or about 190 cu. yds. per eight-hour day was a fair average for a steady run.

When completed this structure will have the widest arch span of any long tunnel yet constructed. It will open a direct line for street car and vehicular traffic between the down town district and the Panama-Pacific Exposition grounds, and will greatly aid the rapid development of the North Beach territory.

On June 30, 1914, the entire arch and side lining was complete and the rock core was being rapidly removed by steam shovel. The south portal was 98 per cent and the north portal 92 per cent complete. On June 30, 1914, a total of $271,305.10 had been paid to the contractors.

TWIN PEAKS TUNNEL.

During the past fiscal year the plans and specifications for Twin Peaks tunnel have been completed and the contract for its construction will be awarded on August 19, 1914.

These plans and specifications provide for the construction of a tunnel capable of accommodating a double-track electric railway with rolling stock of the most modern type. The easterly portal has been located on the plans at the junction of Market street, Castro street and Seventeenth street, and the westerly portal near Dewey boulevard. The total length of the tunnel from portal to portal is 12,000 feet, and the time of transit through it with high speed trains is estimated at five minutes. When this time is contrasted with the period now required to make the journey to the district beyond the west portal an idea may be gained of what the tunnel will mean to San Francisco.

On account of the increasing traffic congestion on Market street, this city's principal commercial artery, it is generally conceded that the time is not far distant when a rapid transit subway will be necessary under this thoroughfare. With this fact well established, the elevation, location and design of the easterly portion of the Twin Peaks tunnel were so designed as to permit the continuation of the tunnel as a subway under Market street with but slight alterations. For the present the tunnel cars will connect directly with the surface tracks in Market street at Seventeenth street by means of a suitably constructed incline.

Immediately west of the easterly portal a large underground station has been provided, to be known as "Eureka Station." This will ultimately be a transfer point where surface passengers may transfer to subway cars or where passengers from a future Sunset-Mission tunnel may transfer to subway cars and vice versa. Only the essential parts of the station will be built on initial construction.

A steel beam structure was adopted for this section, since it affords better opportunities for future extensions. Platforms 300 feet in length to accommodate four-car trains connect at either end with stairways leading to the surface, where they terminate in artistic kiosks with red tiled roofs and rough plastered walls.

Consideration of grade, headroom and alignment require modifications in the grade of Castro street, between Sixteenth and Seventeenth streets, and a shifting of a portion of Seventeenth street, near Market street. This latter requirement

necessitates the purchase of a triangular parcel of land at the northwest corner of Seventeenth and Castro streets.

The alignment of the tunnel gave rise to two factions, one advocating a route along a straight line between the two portals and the other advocating a location following under easy surface grades to the intersection of Eighteenth and Hattie streets, and thence in a straight line to the westerly portal. The latter alternative was adopted, and a strip of land 1,956 feet long, averaging 90 feet in width through the property traversed, will be acquired in fee simple, thus providing a tunnel right of way and a surface strip of land for a contour extension of Market street by easy grades impossible under the first scheme.

Commencing at the easterly portal the tunnel will ascend on a 3% grade for a distance of 9,000 feet to a summit elevation of 436 feet, an allowance being made for the additional friction of trains on the curves by reducing the gradient to 2.8% on such portions. At the termination of this 3% grade will be constructed a second station, to be known as "Laguna Honda Station," the floor of the tunnel being 62 feet below the ground surface at this point. Thence the grade will descend at the rate of 1.15% for a distance of 3,000 feet to the westerly portal.

The consideration of two important factors influenced the selection of the rate of grade from the easterly portal to the Laguna Honda Station, namely, first, the desirability of a station at the location adopted for Laguna Honda, and secondly, the necessity of operating the trains at high rates of speed. The second fixed the maximum gradient at 3%, while the first required the use of this maximum in order that the tunnel might be brought within a reasonable distance of the surface at the point selected for the station.

On the surface and directly above the Laguna Honda Station in the tunnel will be erected a reinforced concrete depot. This building will be about 100 feet in length, constructed after the Mission style of architecture, and provided with modern conveniences. Passengers entering the depot may reach the tunnel by means of one of six elevators located three at each side of the two lobbies, or, in case of a possible disability of the machinery, may use the broad central stairway descending 62 feet to the station below. The underground station will be 300 feet long, as at Eureka Station, and centrally located with respect to the elevators and stairways.

Two platforms, ten feet wide, will be provided at this station, one to accommodate eastbound and one westbound traffic. On account of the ample headroom available, the arched type of roof will be used, requiring a span of 44 feet. The elevators will have a capacity of 50 persons each and will consume about one-half a minute in making the trip from the surface to the tunnel level.

In order to ascertain the character of the material through which the tunnel is to be constructed borings were made along the route at intervals of from 300 to 400 feet. These borings indicate that for a distance of 5,000 feet on the westerly end sand and incipient sandstone will be encountered, passing then into hard Franciscan sandstone for a distance of 4,500 feet, and emerging therefrom into a red sandy clay for the remaining 2,500 feet to the easterly portal.

The inside dimensions adopted for the tunnel proper are twenty-five feet in width and fifteen feet in height, and, as the borings indicate the presence of considerable water, the curve of arch was made semi-circular, the sides slightly curved, and the construction of an inverted arch in the bottom is provided for, in case it is found necessary to resist the hydrostatic pressure.

Owing to the fact that the difference between the grade of the overlying streets and the track grade would not permit the use of the arched type of tunnel section it was found necessary to provide a subway section from Eighteenth and Hattie streets to Eureka Station, and from thence to the easterly portal.

For this subway a double compartment with a slab top has been designed. The greater part of this section will be built on curves. This will cause the ends

and centers of cars to overhang the rails more than on straight track. On account of this a lateral clearance of fourteen (14) feet will be required. The overhead clearance of fifteen (15) feet remaining the same as in the arched tunnel sections.

This section will be built through a wet clay, making a slab base imperative, in order to provide a stable foundation. Throughout the length of the tunnel the contractor is given the option of using brick or concrete in the upper portion of the arch ring. To relieve the water pressure, deep holes have been provided at intervals of 25 feet along the length of the tunnel, through which the water will find its way and be carried off by means of a vitrified pipe laid in the center of the tunnel, which will be covered by broken rock ballast supporting the ties and rails of the tracks.

Throughout the entire tunnel a 12% mixture of hydrated lime will be added to the concrete, which, together with a rich mixture of cement and sand applied with a cement gun, it is believed will afford sufficient waterproofing for the tunnel and subway sections. About Eureka Valley Station, where leaks and water stains would be more offensive, three-ply felt waterproofing is to be laid on the top and sides of the structure and covered with porous book tile, through which water will percolate and be drained off through the interior holes to weep holes at the base of the station.

The important matter of ventilation has been given much attention, and the plans call for the construction of a circular vent shaft near the Relief Home, capped by a head house or air intake of attractive design on the surface. In this shaft and at Eighteenth and Hattie streets electrically driven blowers will be installed. These blowers will draw fresh air from the atmosphere and force it through an air duct formed between the upper portion of the tunnel arch and a suspended reinforced concrete slab ceiling, from which it is allowed to escape at intervals through dampers into the tunnel proper, and thence to the surface at the portals and stations.

In each wall of the tunnel lining will be placed eleven (11) fibre ducts for the accommodation of cables and wires transmitting the electric current for the operation of the trains and for lighting the tunnel and stations.

At intervals of fifty (50) feet, alternating on opposite sides of the tunnel, niches will be constructed in the walls in which will be placed an incandescent electric light. These niches will serve as refuge bays for track walkers, and in some, access may be had to the ducts carrying the power wires.

The plans do not call for the installation of track, this feature being left for future consideration. Should the municipality decide to engage in further railroad construction these may be installed by the city and rental charged for their use, or a franchise may be granted to some railway company on proper terms. Under the terms of the charter, however, such a franchise cannot be exclusive. Either the third rail or trolley system may be installed, as future studies may determine.

The estimated cost of the construction of the tunnel, including the purchase of lands for rights of way and other incidental expenses, is $3,994,289.23. Of this amount $3,398,972.65 will be contributed by that portion of the assessment district lying west of Twin Peaks, containing an area of 4,153 acres, and $595,316.38 will be contributed by that portion east of Twin Peaks, containing an area of 660 acres.

The average assessment is on the basis of 2 cents per square foot ($50 for a lot 25x100). The maximum is 3½ cents per square foot and the minimum one-half of one cent per square foot. The assessment will be payable at the option of property owners either all at one time or in ten annual installments, with interest on deferred payments at the rate of 7%, or property owners may pay one-tenth when the assessment becomes due, or as much more as they elect, and they may either pay the balance in ten annual installments, or they can pay the full amount prior to maturity.

SAN FRANCISCO WATER SUPPLY—HETCH HETCHY PROJECT.

History—

As early as 1865 San Francisco realized the necessity of an extensive program of water supply development.

Since that time the several city administrations considered various phases of the matter, and it was soon evident that the local peninsula sources would be inadequate for the ultimate needs of San Francisco.

The water supply at and near San Francisco Bay is quite limited. The local sources are drawn from the Coast Range of mountains, which in general are less than 3,000 feet in elevation. In the region of San Francisco Bay the range roughly parallels the Pacific Coast and is about 30 miles in width from the ocean to the broad San Joaquin valley, which lies immediately to the east.

Principally, the rainfall of the Coast Range is quite meager and is confined to the period from December to March, inclusive, the remaining months of the year being practically a period of drought. There are also seasons when even in the rainy months the rainfall is small, and to safeguard the water supply against these annual periods of drought and further provide against the occasional seasons of very low rainfall enormous storage must be provided.

East of the Coast Range lies the San Joaquin valley, about 45 miles in width, which separates this range from the Sierra Nevada mountains. These form an extensive mountain chain, constituting a considerable portion of the eastern boundary of the State of California. Here the rainfall is quite prolific, and the run-off of the many streams draining the western slope of this range is considerable. It is to this locality that San Francisco has finally turned to augment its inadequate local water supply.

The first extensive study of the source of water supply for San Francisco was made in 1900, when the city appropriated $50,000 for this purpose. On the basis of the studies then made the city selected the Tuolumne river as the most feasible and most economical source.

Description of Source—

The drainage basin from which San Francisco will derive its water supply and power lies near the summit of the Sierra Nevada mountains, 150 miles to the east of this city. It comprises the watershed of the Tuolumne river in and above Hetch Hetchy valley, the territory tributary to Lake Eleanor, and the area which drains into Cherry creek. These watersheds are practically entirely in a region of granite rocks. The upper region of the Tuolumne shed consists of a series of more or less broad, flat valleys, resulting from glacial scour in past geological history. Flanking these valleys on the east and forming the crest of the Sierra are a series of extinct volcanic cones which lend a grandeur to this region. San Francisco proposes to construct and maintain broad, well-surfaced roads to its holdings in the Sierras, so that this scenic trip may be made in comfort by automobiles. Ample provision will be made to care for these visitors in chosen camping sites, where scientific sanitary devices will be installed in order to preserve the water from contamination.

It must be understood that the drainage area composing San Francisco's Tuolumne river water supply lies almost wholly within the Yosemite National Park, and before any development work could be undertaken it was necessary that the city get proper authorization from the Federal Government. This authorziation was obtained in May, 1908, being a permit issued by the Honorable James R. Garfield, then Secretary of the Interior.

San Francisco's proposed scheme of development of this source is to create storage in the Hetch Hetchy valley at Lake Eleanor and elsewhere by means of dams. Under the provisions of the Garfield permit, issued in May, 1908, the city was required first fully to develop the Lake Eleanor and Cherry creek sources before commencing the construction of the Hetch Hetchy dam. It was further provided in

the Garfield permit that the matter be submitted to the citizens of San Francisco for ratification, and that the city should buy up all lands held by private owners around Hetch Hetchy, Lake Eleanor and elsewhere which would be necessary for its water supply. This matter was voted upon in November, 1909. The proposition submitted to the voters provided for the acceptance of the terms of the Garfield permit and a bond issue of $600,000. It was carried by a vote of more than five to one.

The various private land holdings and water rights were bought. In January, 1910, the Secretary of the Interior, R. A. Ballinger, suggested that the city show its good faith by a bond issue sufficient for the initial development of the Tuolumne sources. Several propositions were submitted to the voters, but the one finally adopted was for a bond issue of $45,000,000 for the construction of the city's mountain water supply. At this election out of over 30,000 votes cast only 1,200 were recorded in opposition.

In the purchase of lands and water rights the city had spent over one million and a half of dollars; had complied with all the provisions of the Garfield permit, and had further shown its good faith by an overwhelming vote in providing sufficient funds for immediate development of its water supply. In 1909, however, Secretary Ballinger practically revoked the Garfield permit by commanding the city of San Francisco to show cause why certain portions of this permit should not be withdrawn by the Government. The entire question hinged upon whether or not the city actually needed the Hetch Hetchy valley for reservoir purposes. After several hearings, at the suggestion of President Taft, the entire matter was submitted to a board of United States Army Engineers, composed of Colonels Biddle, Cosby and Taylor. Under the direction of this board the question as to the proper and most economical source of water supply for San Francisco was reopened, and all of the various sources, local and elsewhere, were again thoroughly investigated. In this investigation San Francisco alone spent nearly $300,000 in compiling engineering data. Owing to the pressing need of other cities bordering on San Francisco Bay, whose necessities were common with those of San Francisco, this city undertook the study of the requirements of the municipalities of the entire San Francisco Bay region. After a careful study of the matter, San Francisco suggested the necessity of a water supply sufficient to meet the prospective needs of all the cities around the bay. On the basis of these studies it was found that after fully developing all the local sources, there would be needed an additional supply of about four hundred million gallons daily. It was necessary then that the Sierra sources, or sources finally selected, should give a safe, dependable yield of over four hundred million gallons daily. After a most thorough investigation of various Sierra Nevada sources, filtration schemes on the San Joaquin and Sacramento rivers, together with several Coast range schemes lying considerably to the north of San Francisco, the City's Engineering Staff again came to the conclusion that the most feasible, economical and adequate source of water supply was the one previously selected, namely the Tuolumne river.

In their report to the Secretary of the Interior, the Board of Army Engineers fully sustained San Francisco's contentions as to the adequacy and desirability of the Tuolumne river sources. At the suggestion of the Secretary of the Interior, who declined to assume responsibility, the matter was submitted to Congress, and what is now known as the "Raker Bill" was approved by that body.

In the studies of the various sourcees of water supply San Francisco approached the problem with a very broad and liberal view. The large commercial interests of the great San Joaquin and Sacramento valleys (flanking the Sierra Nevadas on the west) were duly considered. In these studies due consideration was given to the irrigation needs of the adjacent irrigable lands, and only such waters as remained after fuily allowing for just and reasonable needs was considered as available for diversion and the use of San Francisco and the bay cities.

On the waters of the Tuolumne river the Modesto and Turlock irrigation districts have prior rights to somewhat over 2000 second feet of the natural flow of the stream. These districts comprise about 257,000 acres of San Joaquin valley lands and they were properly concerned in the safeguarding of their water rights.

San Francisco made a very thorough and careful investigation of their needs and has always been liberally disposed wherever irrigation rights were concerned.

DEVELOPMENT.

Hetch Hetchy Dam—

The first permanent construction to be undertaken in this project, aside from the necessary roads, etc., will be the Hetch Hetchy dam. This will be located on the Tuolumne river at a narrow gorge at the outlet of Hetch Hetchy valley. The structure will be of the heavy masonry type, 300 feet high and 800 feet long, and will serve to impound 112 billion gallons of water. With this storage, even under the most severe conditions of draft by San Francisco, the floor of the Hetch Hetchy valley will always be covered by a broad, long lake, around which there will be the scenic road built by the city.

While the Hetch Hetchy dam is in progress work will also be started on the conduit at the "Early Intake" and the main aqueduct and permanent power house at Moccasin creek.

Early Intake—

It is proposed in the future to lead the water from Hetch Hetchy dam to San Francisco entirely in closed conduits, but for the present the first twelve miles of this conduit down to the mouth of Cherry creek will not be built. The water will be allowed to flow down the natural channel of the Tuolumne river to what will be known as the "Early Intake." At this point there will be built a temporary overflow dam about 45 feet high and 500 feet long. This will intercept the water released from the Hetch Hetchy reservoir and divert it into a pressure tunnel 10 feet in diameter. This tunnel, which will be a part of the permanent main aqueduct, will pass through the solid granite mountains for a distance of 20 miles to Moccasin creek. The entire length of the tunnel will be lined with concrete, thus excluding any underground seepage water from the mountains, and at the same time this smooth surface will increase the carrying capacity. This tunnel will be caapble of delivering over 400 million gallons daily.

POWER HOUSE AT MOCCASIN CREEK AND CHERRY MOUTH.

There is only one power drop in the aqueduct line first to be constructed. The power house site for this is located beside the main highway at Moccasin creek and about 141 miles distant from the City Hall in San Francisco. At this power house there will be a net drop of 1250 feet, which will make available for use at San Francisco and elsewhere about 50,000 horse power.

Whenever the upstream twelve miles of aqueduct between the "Early Intake" and Hetch Hetchy dam is built another power drop will become available just above the "Early Intake." At this power house there will be a net drop of 1325 feet, which will deliver to the city about 60,000 horse power continuously.

It may be of interest to note that one mechanical horse power is, from an energy standpoint, the equivalent of 5½ tons of coal. The great economic value to the nation of the development of 200,000 horse power for the future inhabitants, without the consumption of coal or oil, can easily be appreciated.

At some future date, when the needs of the bay district shall demand it, the Cherry creek and Eleanor units will be added to the system. The water from these two sources will be delivered to the Hetch Hetchy reservoir by means of concrete-lined tunnels about 8 feet in diameter.

Conduit to San Francisco—

As previously stated, in the first installation the water from Hetch Hetchy reservoir will flow down the natural bed of the Tuolumne river for a distance of 12 miles to the "Early Intake." thence through a 10-foot pressure tunnel to the Moccasin creek power house 20 miles below. The aqueduct from this point will consist of a concrete-lined tunnel about 12 feet in diameter for a distance of 16 miles to the easterly edge of the San Joaquin valley. This valley, which is 45 miles in width, will be crossed by means of a pipe conduit. The size of the pipe, and whether one large or two small ones will be used, are economic and engineering problems which have not been definitely decided. The original plans called for steel pipe seven and one-half feet in diameter, lined on the inside with one and one-half inches of cement. One pipe to be laid for the first installation, and later a second one parallel to it. More study will be necessary to decide on this portion of the route.

The San Joaquin River being a navigable stream will have to be crossed by a submerged siphon about 600 feet long.

At the westerly edge of the San Joaquin Valley, the pipe lines will connect with another length of conduit. From this point the aqueduct proceeds in a westerly direction, mostly in the form of a concrete-lined tunnel, 12 feet in diameter, a distance of 32 miles, to the proposed Irvington Gate House. Thence the conduit will be carried westerly in the form of a pipe (possibly of the same character as the steel pipe described above) for a distance of 19 miles. This pipe will be submerged in crossing the head of San Francisco Bay at Dumbarton Narrows. Special construction will be required to carry it over the marsh lands bordering the bay. The conduit will be carried around the head of the bay on dry ground if this is found desirable and economical after further detailed study. After crossing the bay the aqueduct will rise to a point of suitable elevation in San Mateo County, from which the water can flow by gravity either into the great storage reservoir of the Spring Valley Water Company at Crystal Springs, or can feed branch lines leading to the outlying districts, and a main aqueduct line leading directly to San Francisco.

The valves and connections all along the route will be arranged so that the water can ultimately be delivered either directly from the Hetch Hetchy Reservoir into the municipal distributing pipes without passing through any reservoir, or can be diverted into any of the several storage reservoirs around the bay.

The entire length of the aqueduct from Hetch Hetchy Dam to the City Hall in San Francisco will be about 170 miles.

Estimate of Cost—

The first unit of the Hetch Hetchy project will deliver at Irvington Gate House a maximum of 240 million gallons daily, and during periods of extreme drought a minimum of 160 million gallons daily.

All tunnels will be built to their full capacity of over 400 million gallons daily in the first installation.

The cost of this first unit will be about $37,000,000. The final completion of the entire project for delivering 400 million gallons daily to the San Francisco Bay District, will cost about $77,000,000.

San Francisco at present uses about 41 million gallons of water per day from the Spring Valley Water Company, and over 8 million gallons from local underground sources, making a total daily usage of practically 50 million gallons.

Calaveras Dam, now being constructed by the Spring Valley Water Company, will add about 20 million gallons per day to the present supply. This will be sufficient to meet the increased demands for a few years only—barely long enough to permit of the first delivery of water from Hetch Hetchy.

Due to the completion of the Panama Canal, and the exceptional agricultural opportunities in the Sacramento and San Joaquin Valleys, the growth of the communities around San Francisco Bay will be greatly accelerated in the next ten years, and the preservation of the prosperity of the cities demands that an adequate water supply be made available at the earliest possible date.

PROGRESS DURING FISCAL YEAR 1913-1914.

Preliminary Surveys and Topography—

Preliminary surveys for a road from Hog Ranch to Hetch Hetchy Dam site were run over two feasible routes, using as a controlling feature the divide between the Hog Ranch and the Canyon Ranch. An accurate topographical survey of an area of six square miles along Moccasin Creek and the hills to the east was made and mapped, for a better study of the most suitable location for the Moccasin Creek Power Station.

Tunnel Aqueducts in the Stanislaus National Forest—

Maps and field notes previously referred to in the report of 1913-1914 representing and describing the proposed tunnel aqueducts from the boundary of Yosemite National Park through the Stanislaus National Forest were amended to conform with subsequent changes. These were filed and application made with the Register of the United States Land Office at Sacramento, April 10, 1914 (Serial No. 07259) for approval of the Secretary of Agriculture and the Interior.

South Fork Agriculture Permit—

Under this permit, about six acres of land have been cultivated. An irrigation ditch has been extended to a point whence it will be more economical to construct flume or pipe to the diversion dam above.

Telephones—

The telephone line from Hog Ranch to Hamilton's was repaired after the severe winter storms and heavy snowfall. Temporarily a grounded line has been installed from Hamilton's to Groveland, about eleven miles. This, together with some four miles of the line from Hamilton's to Hog Ranch will be changed to full metallic circuit during the present summer, to secure better and more private service.

Camps—

Under a "Special Use Permit" from the Forest Service a camp site known as "Greek Camp" has been secured about one mile easterly from Hamilton's. The site has been cleared, graded and fenced with strong barbed wire. A good barn, a corral and a substantial storehouse 20x60 feet, with corrugated iron roof, have been constructed. A water system for domestic use is installed and the grounds are being piped for fire protection.

At the Ike Dye place (Middle Fork Homestead) the barn has been improved and the corral completed, and at the Hog Ranch the water supply has been improved.

Roads and Trails—

The Hog Ranch wagon road has been improved by the completion of a 3.71 mile cut-off begun last year. This road, originally a trail 8 ft. in width, has been widened to 17 ft. Surveys are being made to reduce to a maximum of 4 per cent the present grade over Red Hill northerly from the Middle Fork Bridge which in places now runs as high as 14 per cent. The wagon road from the old Toll Road to the South Fork Agricultural Permit required extensive repairing after the heavy winter storms, which caused several slides. Additional culverts have been placed and the road fully repaired. The trail from Early Intake down the left bank of the main Tuolumne River has been constructed to a point

about one-half mile from the probable crossing of the aqueduct at the South Fork or approximately 10 miles from Early Intake.

Transportation Road—

For transporting material to the proposed Hetch Hetchy Dam and its vicinity, a road was projected from Hog Ranch. Preliminary surveys over two possible routes made in October, 1913, were followed in April, May and June, 1914, by location surveys along the better route. For the construction of this road, 9.09 miles in length, with 22 foot roadbed and maximum grade of 4 per cent, the contract was awarded, July 8, 1914, to the Utah Construction Company, at an estimated price of $151,499.50.

Stream Measurements—

Hydrographic and meteorologic work on the upper Tuolumne river and its branches has been continued. Following the request of the Division of Water Resources, United States Geological Survey, an agreement with the city was ratified whereby that organization was given charge of these operations, beginning May 1, 1914, the costs to be defrayed by San Francisco.

The present gauging stations are to be supplanted by others which will be out of danger and accessible during and after construction of the city's water system. The new gauging stations are to be calibrated from the old while observations are still possible at both. At these stations will be measured the amounts of water which San Francisco must release to the irrigationists to satisfy the demands of the Act of Congress authorizing the city's use of the Hetch Hetchy source of supply.

General Office Work—

An inventory has been made of all surveying and hydrographic instruments tools, camp equipment, buildings, supplies, etc., controlled by the Hetch Hetchy department. Monthly reports have been made showing the names, duties and salaries of employes, the nature of the work on which they have been engaged, a statement of all bills payable and the progress of the work. Map files have been kept, renewed and indexed.

Maps and Applications—

Approximately 25 maps, 15 profiles and 300 prints have been made during the past fiscal year in connection with the water supply work.

The following maps and accompanying field notes, prepared in this department, were filed at the Sacramento Land Office, in compliance with the Act of Congress granting the use of the Hetch Hetchy system.

(1) February 16, 1914—"Amended map showing location of the Hetch Hetchy reservoir site within the boundaries of Yosemite National Park." Serial No. 07186.

(2) February 16, 1914—"Map showing location of tunnel aqueduct line between Cherry and Hetch Hetchy valleys within the boundaries of Yosemite National Park." Serial No. 07185.

(3) February 16, 1914—"Map showing location of tunnel aqueduct line between Hetch Hetchy valley and Early Intake within the boundaries of Yosemite National Park." Serial No. 07187.

(4) March 14, 1914—"Cherry Valley reservoir site, Tuolumne county, Calif." Serial No. 04524.

(5) April 10, 1914—"Map showing location of tunnel aqueduct line within the boundaries of Stanislaus National Forest." Serial No. 07259.

(6) June 10, 1914—"Map showing location of transportation road for conveying material to Hetch Hetchy dam, aqueduct line and appurtenant structures." Serial No. 07492. (This map was of the location survey of the westerly 3.20 miles and the preliminary survey of the remaining portion of the road.)

DEPARTMENT OF HYDRAULICS.

The investigation in the field and office of problems pertaining to the water supply of San Francisco are assigned to the hydraulic department. During the past fiscal year an exhaustive study has been made of the underground water supply of Livermore Valley, Calif., in order to determine the actual value of the Spring Valley Water Company's holdings in that vicinity. The results of this investigation are based on a field study of the geology, topography and climatology of the valley, as well as careful records of well fluctuations, artesian yield, pumpage, stream flow, irrigation, seepage and evaporation. These results and the conclusions derived from them are embodied in a report which was completed and filed in May, 1914.

Of even more importance was an investigation of the underground water supply of San Francisco county, completed in 1913, on the basis of which some of the underground water will be utilized for domestic supply until the Hetch Hetchy water can be brought to San Francisco. Data for this report were obtained by a series of measurements on some 700 wells, including over 90 per cent of the total number in San Francisco. Bacteriological and chemical analyses were made of the well waters and the cost of boring them tabulated. A study of the geology of the peninsula was included.

In the hydraulic department all of the stream-flow records from the Hetch Hetchy valley, Cherry creek and Eleanor creek are tabualated and filed, as well as all data that has a bearing on the municipal water supply.

APPRAISAL OF PROPERTIES OF THE SPRING VALLEY WATER COMPANY.

During the fiscal year 1913-1914 an appraisal has been made of the properties of the Spring Valley Water Company for the purposes of the rate suit and condemnation suit now pending. The investigation was carried on under the general supervision of the City Engineer. The detail work of listing and appraising the company's structural properties was divided between the City Engineer and the Consulting Engineer appointed by the City Attorney, the former taking the structural properties in the city disrtibuting system, comprising reservoirs, pumping stations and the distributing pipe system and appurtenances; and the latter the structural properties outside of the city, embracing the impounding reservoirs, aqueducts, pumping stations and other works in use for the collection and storage of water and for conveying it to the distributing reservoirs in San Francisco.

In detail the work done by the City Engineer's office was as follows:

Descriptions of all lands, easements and riparian rights owned by the Spring Valley Water Company which the city proposed to acquire, by condemnation or otherwise, were prepared and handed over to the special attorney for the city for his use in the complaint in condemnation. This involved about three months' work in the office of the Spring Valley Water Company, where, with the co-operation of the water company, a painstaking search was made of the deeds and maps in the company's possession. This was done in order to secure the best obtainable data for preparing the descriptions and also to ascertain the incumbrances upon the property, such as agreements to furnish water to outside parties, and rights of way acquired by outside parties over the Spring Valley Water Company's property, which would affect the value of the property to a purchaser.

An atlas was then prepared showing the location of the lands, rights of way and riparian rights to be acquired. The descriptions and atlases compiled by the City Engineer's office were used by the City Attorney's real estate experts in their valuation of the real properties of the company, and the atlases were of material assistance to the consulting engineers employed by him in the valuation of the structural properties outside of San Francisco.

Concurrently with the work of preparing the descriptions and atlas the work of appraising the structural properties in San Francisco was carried on. Men were placed in the field to make an inventory of the structures, machinery and other appurtenances of the reservoirs, tanks, pumping stations, etc., and to check up the plans of those structures furnished by the water company. At the same time representatives of the city and of the water company working together compiled a detailed inventory of the pipes, gate valves, etc., in use for conveying the water from the distributing reservoirs to the consumers, which involved a careful search of the available records of the company from the year 1861 to the present time.

The work done by the City Engineer's office was checked up by the Spring Valley Water Company and any errors or omissions found were investigated and corrected, so that no question might arise as to the accuracy and completeness of the inventory.

The appraisal has been carried on in conjunction with the consulting engineer to the City Attorney so as to eliminate inconsistencies between the two portions of the valuation. The work of determining the value of the structural properties has been carried on with extreme care, so that the unit costs determined for the very numerous varieties of structures and materials occurring in the inventory shall fairly represent the actual value of the works.

On June 30, 1914, this work was very close to completion.

TESTING LABORATORY.

The quality of all structural materials to be used on work performed under direction of the Board of Public Works is thoroughly tested before it is allowed to be incorporated in construction. These tests are made in an excellently equipped laboratory, under direction of the City Engineer, by an expert chemist and corps of assistants.

Cement is tested to determine its chemical composition, fineness of grinding, permanency of volume, rate of setting, thoroughness of burning and tensile strength neat and with sand; stone, brick and concrete are tested in compression; metals in compression, tension, bending and chemically; coal and oil for their purity and fuel value; lubricants for their adaptability to particular conditions; paint and linseed oil for inferior adulterants. A method has recently been developed for the analysis of concrete, by which the respective proportions of the constituent cement, sand and rock or gravel are accurately determined.

The equipment of the laboratory includes 1 Olsen Universal Testing Machine of 150,000 pounds capacity, in which are tested cast iron, steel, bronze, concrete, brick, stone and timber; 1 Olsen Bending Machine, used chiefly for testing reinforcing steel in bending; 1 Calkins Grinding Machine for crushing rock, brick, etc.; 1 Riehle Briquette Machine, for testing cement and cement-mortar briquettes in tension; 1 B. and L. precision centrifuge, for the analysis of fuel oils; 1 Mahler Calorimeter, for determining the heating value of various fuels; 1 complete set Standard sand and cement sieves and sieve tier agitator, besides complete chemical and physical laboratory apparatus.

As noted elsewhere in this report, a special investigation has been made in the laboratory on the subject of asphalt, bituminous rock, street binder and wearing surfaces. The excellence of the more recently constructed pavements in San Francisco are evidence of the success of this invstigation.

PHOTOGRAPHIC AND BLUE PRINT DEPARTMENT.

On July 15, 1913, all of the municipal blue printing was assigned to the Engineering Department. The photographic work for the various city departments has increased to such an extent that it becomes necessary to provide a suitable

building and equip this with the most modern and efficient apparatus. The structure erected for this purpose on the roof of the temporary City Hall contains an office, two dark rooms, a blue printing room, photostat room, drying room and storeroom, all equipped with the most recent and approved photographic devices.

An electric blue print machine in one continuous operation prints, fixes, washes, dries and rolls blue and blue line prints. For sun work two large vacuum frames and the necessary washing tanks are provided. A special photostat machine was made to order for this department. This has been of especial value in the appraisal of the Spring Valley Water Company's properties, as with it copies could be made of much valuable data which otherwise it would have been very costly to reproduce. A great saving has also been effected in the preparation of a new city map and block book for the Assessor's office. The photostat is very convenient for reproducing engineering maps and drawings, which can be enlarged or reduced to any desirable size. Another very important result accomplished by the establishment of the photographic department is the possibility of maintaining the necessary secrecy relative to the locations of properties to be purchased, rights of way, etc., which if made public before the proper time might seriously embarrass the city in securing equitable terms.

At regular intervals photographs are made of all construction work in progress for the city. These are of benefit as records of the progress and character of the construction. Photographs and negatives are filed and indexed, together with all desirable information descriptive of the subject.

The speed and excellence of the work of the photographic department has been a source of gratification to the various municipal bureaus which have had occasion to require its service.

MISCELLANEOUS PROJECTS—WELL AT MUNICIPAL WATER WORKS.

To increase the available supply at the Municipal Water Works, which furnishes water to residents of Visitacion valley, it was decided to bore a new well adjoining the one now in use. A contract for this work was awarded on May 15, 1914, to W. H. Haley, for the sum of $1,260. On June 30, 1914, the well had been sunk to a depth of 150 ft., and the 30 in. and 24 in. casing had been set and perforated. The final test had not been made. A total $1,260 has been paid to the contractor.

TEST HOLES IN SUNSET AND RICHMOND DISTRICTS.

On May 6, 1914, by a resolution of the Board of Public Works, the City Engineer was authorized to arrange for boring test holes in the Richmond and Sunset districts, in order to determine the most advantageous location for water wells from which to obtain a temporary domestic supply. A contract for this work was accordingly awarded to Layne & Bowler, and the first test hole driven to a depth of 305 ft., in the block bounded by Cabrillo, Balboa, Forty-second and Forty-third avenues. A total of $404.45 had been paid to the contractor on June 30, 1914.

LINCOLN PARK RESERVOIR.

To store for domestic use waters pumped from the wells that the city will bore in the Richmond district a reservoir will be constructed in Lincoln Park. Plans and specifications are being prepared in this office and on June 30, 1914, were 85 per cent completed.

COUNTY JAIL WATER SUPPLY.

For furnishing to the County Jail an adequate water supply a well will be excavated in Balboa Park and a pumping plant erected. On June 30, 1914, specifi-

cations for the well were completed, and plans for the pump and piping 60 per cent completed.

The work of the Division of Surveys, a subdivision of the Bureau of Engineering, is too voluminous for the publication in the "Municipal Reports." It is, therefore, printed in a separate pamphlet, which can be obtained by application to the City Engineer.

Public Administrator's Report

To the Honorable, the Presiding Judge of the Superior Court of the State of California, in and for the City and County of San Francisco and to Honorable James Rolph, Jr., Mayor of the City and County of San Francisco:

M. J. Hynes, Public Administrator of the City and County of San Francisco, State of California, respectfully makes to the said Superior Court of the State of California, in and for the City and County of San Francisco, under oath, this return of all estates of decedents which have come into his hands during the year ending twelve o'clock noon, on the 1st day of July, 1914, pursuant to the provisions of Section 1736 of the Code of Civil Procedure of California, and of Section 9 of Article XVI of the Charter of the City and County of San Francisco, said report being as follows, to-wit:

		Approximate Value as Far as Ascertained	Money Which Has Come Into Hands of the Administrator	Funeral Expenses, Debts, etc.	Fees and Expenses Paid by the Administrator	Money in Bank and Not Withdrawn by Administrator	Moneys on Deposit with First Federal, Union Trust, Anglo Calif. Trust Co. and S.F. Sav. Union Hibernia, German and French Banks	Property Exclusive of Money in Hands of Administrator
1913								
July 9	Eusebius R. Bricker	$ 2,431.56	$ 1,296.26	$ 546.18	$ 274.77	$	$	$
July 10	Timothy A. Clark	325.00	325.00	157.00	73.25		94.75	
July 10	Mary McCormick	2,297.31	2,297.31		258.28		2,039.03	
July 10	Henrietta Lair				1.00			
July 15	Francois Ferret	955.50	880.50		166.03			
July 17	George Drakulic				1.00			
July 22	Olive McFarland	200.60	.60		2.35			200.00
July 22	Margarita Brown	1,100.50		25.00	11.25		1,064.25	
July 22	Conrad Keith	5,224.90	5,224.90	612.00	20.35		4,592.55	
July 22	Joseph M. Watteau	345.40	345.40	99.00	6.50		239.90	
July 22	Peter Bleibenhaus	4,361.00	4,361.00	191.00	428.62		3,741.38	
July 22	Francis Marlow	415.58	415.58		1.00		414.58	
July 25	Alfred Johnson*	72.25	72.25	71.25	1.00			
July 29	Thomas McGee	2,000.49	2,000.49		244.95		1,755.45	
July 29	Francis J. Simpson	1,751.09	1,751.09		213.83		1,537.26	
July 29	Arthur M. Thomas	302.00	302.00	167.20	70.28		64.52	
Aug. 5	Philip Krenrich				1.50			
Aug. 5	Margaret Chapman	994.80	94.80		22.52		72.28	900.00
Aug. 5	Charles Specht	300.00			1.00			300.00
Aug. 7	Henry Lubben	1,489.11	1,489.11		1.50		1,487.61	
Aug. 7	Daniel Smith	356.60	356.60	292.68	63.92			
Aug. 7	Friedrich Runge	1,422.45	1,422.45	202.40	191.35		1,028.70	
Aug. 7	John Hughes	383.77	383.77	225.00	68.99		89.78	

Aug. 11	Andrew J. Flannery (Special Letters)				1.50			
Aug. 14	Peter Glavan	400.00			2.00			400.00
Aug. 14	Susman Levin	370.41	370.41		13.50		356.96	
Aug. 14	Guiseppe Buero	650.23	650.23		4.50		645.73	
Aug. 14	William S. Bardwell	308.40	308.40	104.22	11.50		192.78	
July 19	Thomas J. Cassidy	358.76	158.76	52.75	3.80		102.21	
Aug. 26	August Cook	445.17	445.17	100.00	5.00		340.17	
Aug. 26	Timothy Guinane	549.41	549.41	230.57	1.00		317.84	
Aug. 26	Joseph Nemelka	439.13	439.13	250.03	5.00		238.10	
Aug. 26	August Schmid	2,086.13	2,086.13	403.00	5.50		1,677.63	
Aug. 26	Ellen Sessions	15,223.86	366.50		255.66	4,457.36	110.84	10,400.00
Sept. 2	John J. Ryan	300.00			1.00			300.00
Sept. 2	Michael Ryan	300.00			1.00			300.00
Sept. 2	Margaret Ryan	400.00			1.00			400.00
Sept. 2	James A. Whyte				2.75			
Sept. 2	Samuel Roy				2.50			
Sept. 2	Julius Bluhm	150.00	150.00		7.50		142.50	
Sept. 4	John H. Muellen	1,279.67	1,279.67	262.45	5.50		1,011.72	
Sept. 11	Julius K. Ussat	308.77	308.77	187.55	1.00		120.22	
Sept. 11	Domenico Virassi	1,642.32	1,642.32		6.00		1,636.32	
Sept. 11	Anthony Reynolds	1,424.64	1,424.64		6.00		1,418.64	
Sept. 11	C. M. Kirby	1,035.40	1,035.40	50.00	6.00		979.40	
Sept. 16	Maurice Lucid	817.06	817.06	475.20	1.00		340.86	
Sept. 16	Catherine Gilmore				13.75			
Sept. 16	Andrew Johnson				1.00			
Sept. 16	Sophia Reitz	1,358.24	1,358.24	328.71	6.00		1,023.53	
Sept. 16	Clayton Wells	126.07	126.07		6.00		121.07	
Sept. 23	Annie E. Williams	846.80	546.80	540.00	6.80			300.00
Sept. 24	Raymond Aguerro*	52.70	52.70	51.70	1.00			
Sept. 30	Susan Hindle	5,359.10	59.10		16.71		42.39	5,300.00
Oct. 2	Gustavus Peterson	270.00			1.50			270.00
Oct. 2	Mary Kennedy	107.38	107.38		1.00		106.38	
Oct. 2	Charles Johansen	153.80	153.80		2.00		151.80	

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1913								
Oct. 2	Charles H. Wells	106.42	106.42		6.00		100.42	
Oct. 2	Elizabeth Overend	102,960.16	62,960.16	507.71	7.00		62,445.45	40,000.00
Oct. 2	Alfred Overend				2.00			
Oct. 7	Leonardo Ceretto	2,212.65	2,212.65		5.50		2,207.15	
Oct. 14	John Walfrid Anderson	858.28	858.28	165.00	6.50		686.78	
Oct. 14	Matthew Harney	251.34	251.34	180.00	5.00		66.34	
Oct. 14	Bertha Ellingson				6.50			
Oct. 14	William Klages	888.20	888.20	35.00	5.00		848.20	
Oct. 14	Charles Wittenberg	810.39	810.39	232.00	5.50		572.89	
Oct. 14	Francis M. McMurray*	33.00			1.00	33.00		
Oct. 20	Gustav Titus Peterson	168.60			1.50	168.60		
Oct. 20	Alice M. D'Arcy	250.00			2.50			250.00
Oct. 23	Edward McDonald	2,959.39	2,959.39		1.00		2,958.39	
Oct. 23	Gustav A. T. Johnson	716.75			1.50	716.75		
Oct. 28	Cyprien Lanot	854.85	54.85		1.00		53.85	800.00
Oct. 28	Lauritz Neilsen*	70.90	70.90		1.00		69.90	
Nov. 4	Kate Brady	200.00			1.50			200.00
Nov. 6	William Lange	269.73	269.73		1.00		268.73	
Nov. 6	Robert T. Dyer	302.22	302.22		16.50		285.72	
Nov. 13	John Dillon	192.40	192.40		1.00		191.40	
Nov. 13	Charlotte Crookham	1,535.05	35.05		1.00	1,500.00	34.05	
Nov. 14	A Fonseca	214.17	114.17	35.00	1.00	78.17		100.00
Nov. 18	Gertrude Haley	342.35	142.35		1.00		141.35	200.00

Nov. 18	Jacob Bassler	5,389.01	5,389.01		104.50		5,284.51	
Nov. 18	Jacob Vits	41,010.79	1,010.79		6.00		1,004.79	40,000.00
Nov. 18	Sebastian Morizio	1,500.00			1.50			1,500.00
Nov. 18	Nancy Anderson	650.00			5.00	650.00		
Nov. 18	August Para	100.00	100.00		1.00		99.00	
Nov. 18	Ernesto Chiesa	700.00			1.50	700.00		
Nov. 18	Henry J. Zinn	1,788.60	788.60		6.00	1,100.00	782.60	
Nov. 18	F. A. Prentice	3,000.00			2.00			3,000.00
Nov. 18	Dora C. Stone	22,023.43	2,023.43	1,934.56	9.00		79.87	20,000.00
Nov. 26	Patrick Curtin	2,336.39	2,336.39		2.00		2,334.39	
Dec. 2	Thomas Lawson	60.00			1.00			60.00
Dec. 2	Henry O'Shea	6,000.00			1.00			6,000.00
Dec. 2	Josel Festl	2,125.41	275.41		1.50		273.91	1,850.00
Dec. 2	William C. Munroe	2,726.00	726.00		64.02		661.98	2,000.00
Dec. 9	Emilie McDonald	2,000.00			4.50	2,000.00		
Dec. 9	Cassie Whelan Wilbur	9,000.00			6.00			9,000.00
Dec. 11	Melanie Mannie	817.00			1.00	817.00		
Dec. 16	Gustav Lamaack	2,402.65	264.65		1.00	2,138.00	263.65	
Dec. 16	Joseph Weiss	250.00			1.00	250.00		
Dec. 18	Anna Arranson	900.84			1.00	900.84		
Dec. 18	Robert Hall	6,010.60	10.60		1.00		9.60	6,000.00
Dec. 18	Anna Hall	457.00			1.00	257.00		200.00
Dec. 18	Mary B. Lovett	150.00			1.00	110.00		40.00
Dec. 18	William Smale				1.50			
Dec. 18	Mary Morris* (Special Letters)	68.15			1.00	68.15		
Dec. 22	Anna K. Link	600.00			1.00	600.00		
Dec. 23	Ernest Plath	450.00			1.00	200.00		250.00
Dec. 23	Leo Ivani	201.00			1.00	201.00		
Dec. 30	John Bohner	2,500.00			1.00			2,500.00
Dec. 30	William Hanna	500.00			1.50	500.00		
Dec. 30	Anthony McAndrews	591.45			1.00	591.45		
Dec. 30	Oscar B. Olsen	1,550.00	1,050.00		7.00		1,043.00	500.00
Dec. 30	Angelo Pomakn	900.00			1.50	900.00		
Dec. 30	Joseph Young	1,011.00	111.00		2.00	900.00	109.00	

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1913.								
Dec. 30	Karl Kugler	966.60	18.60		2.00	948.00	16.60	
Dec. 31	John Servas	800.00			1.00			800.00
1914.								
Jan. 6	John B. McDonald	313.57	313.57		1.00		312.57	
Jan. 6	Gustav Nichols	840.00			1.50	800.00		40.00
Jan. 8	Chow Woo	1,400.05	1,400.05		1.00		1,399.05	
Jan. 8	Lee Moo Jin	409.00			1.00	409.00		
Jan. 8	Michael Enright	217.00			1.00	217.00		
Jan. 12	William J. Smale	17,237.00	1,237.00	976.13	30.50		230.37	16,000.00
Jan. 13	E. Holmes	93.18	93.18	66.66	26.52			
Jan. 13	George Schuler	164.62	164.62	109.00	48.63		6.99	
Jan. 13	Musa Worthington	232.11	212.11	135.00	19.42		57.69	20.00
Jan. 13	Patrick McCarthy	222.48	222.48	153.00	45.30		24.18	
Jan. 13	Francis Savage	89.10	89.10	63.84	25.16			
Jan. 20	Andrew Nordin	327.54	327.54	159.60	58.97		108.97	
Jan. 20	John Nehlsen	1,183.31	183.31		25.75		157.56	1,000.00
Jan. 20	Margaret Hermes	400.00			6.00			400.00
Jan. 20	Henry Romoser	3,021.06	521.06		75.83		445.23	2,500.00
Jan. 20	Jerry Kaio	456.75	456.75	87.00	128.36		241.39	
Jan. 22	Charles Muller	158.10	158.10		36.95		118.15	
Jan. 22	Peter Baker	300.65	300.65	175.00	56.13		69.52	
Jan. 22	Paul T. Joly	217.50	217.50	125.00	50.15		42.00	
Jan. 22	Sidney H. Smith	20,044.28	44.28		44.28			

Jan. 26	John McAtee	1,049.17	549.17		56.58		492.59	500.00
Jan. 27	Thomas Madden	1,421.54	1,421.54		187.47		1,234.07	
Jan. 29	John Reimers	63.20	63.20	40.88	22.32			
Jan. 29	John Hyslop	12,179.50	179.50	115.00	41.87		22.63	12,000.00
Feb. 5	John E. McGrath	1,946.98	1,946.98		229.70		1,717.28	
Feb. 10	Jeremiah O'Sullivan	728.95	728.95		116.04		612.91	
Feb. 10	Charles Grahn	1,534.03	1,534.03	138.70	5.50		1,389.83	
Feb. 10	Julia M. Brown	450.00	450.00	125.00	5.00		320.00	
Feb. 17	Peter Tralness	750.00			15.73			750.00
Feb. 19	James Widdop	499.50	499.50	100.00	4.50		395.00	
Feb. 19	Joseph O'Callaghan	543.10	543.10		2.00		543.10	
Feb. 19	Felice Mezzuco	220.20	94.10		2.25	126.10	94.10	
Feb. 19	Silas M. Collins	6,849.61	394.61		85.03		309.58	6,500.00
Feb. 24	Mark Mi	189.85	189.85	110.00	4.50		75.35	
Feb. 24	Ernest Richarme				1.50			
Mar. 3	Henry W. Herr	16,000.00			25.00			16,000.00
Mar. 3	Salvatore Guerra	917.75	917.75		5.50		912.25	
Mar. 3	C. H. Roberson	972.40	972.40	347.85	1.00		623.55	
Mar. 3	John Beres	213.19	213.19	145.00	5.00		63.19	
Mar. 3	Mary Black	13,370.78	11,370.78	1,061.66	14.72		10,294.50	2,000.00
Mar. 5	George Peres (Special Letters)	400.00	400.00		2.75		397.25	
Mar. 10	William Fitzgerald	163.35	163.35		4.50		158.85	
Mar. 10	Walter J. Hoyne	1,920.08	1,920.08	930.03	10.00		980.05	
Mar. 10	Frederic Brown	4,176.35	1.35		3.00	4,175.00	1.35	
Mar. 10	Kozuchi Horita	665.00	665.00	215.00	1.00		449.00	
Mar. 11	Panagis Caconictis	562.25	262.25		1.00		261.25	300.00
Mar. 16	T. Delkos*	72.60	72.60	71.60	1.00			
Mar. 18	John Medeus	350.00			1.00	350.00		
Mar. 19	Ferdinand Thomas	768.65	768.65		1.00		767.65	
Mar. 19	John McLennan	87.05	87.05		1.00		86.05	
Mar. 24	Frederick Shawbut	81.27	81.27		1.00		80.27	
Mar. 24	August Peschel	288.80	288.80	160.00	3.00		125.80	
Mar. 25	Charles W. Loring	4,000.00			1.00			4,000.00
Mar. 26	John Birsch	347.95	347.95	100.00	1.00		246.95	

		Approximate Value as Far as Ascertained	Money Which Has Come Into Hands of the Administrator	Funeral Expenses, Debts, etc.	Fees and Expenses Paid by the Administrator	Money in Bank and Not Withdrawn by Administrator	Moneys on Deposit with First Federal, Union Trust, Anglo Calif. Trust Co. and S.F.Sav. Union Hibernia, German and French Banks	Property Exclusive of Money in Hands of Administrator
1914.								
Mar. 26	Paul Rapso	2,013.10	13.10		1.00		12.10	2,000.00
Mar. 31	Robert Stevenson	1,048.95	1,048.95	160.00	1.00		887.95	
Mar. 31	Margaret O'Rourke	1,679.00			1.00	1,679.00		
Mar. 31	John Belman	898.23	898.23	149.50	5.50		743.23	
Mar. 31	Anna C. Bracken	739.39	739.39	256.00	4.50		478.89	
April 7	Anna Trouilh	549.25	549.25		1.00		548.25	
April 14	William P. Hammer	915.80	915.80	189.95	15.52		700.33	
April 14	Moses Collins	547.04	547.04		28.00		519.04	
April 14	Louis C. Jensen	300.00			1.00			300.00
April 14	Andre Bertrand	69.00			1.00	69.00		
April 14	Christopf Meinking	103.08	103.08	72.50	1.00		30.58	
April 14	Henry Detlefsen	300.00			1.00			300.00
April 14	Richard Ulex	1,173.17	1,173.17	200.00	10.00		963.17	
April 14	John Kelly	145.67	145.67		1.00		144.67	
April 16	Marcus K. Morris	200.50	102.85		4.00	97.65	98.85	
April 23	Morris Trager	900.00			16.00			900.00
April 24	George Schobert	4,028.64			1.00	4,028.64		
April 28	Jane McCauley				1.00			
April 28	William Pitchner	14,491.95	491.95	480.00	6.07		588.00	
April 28	John Walsh	9,801.39	4,457.41		2.00	5,343.98	4,455.41	
April 28	Marie J. Chanet	1,524.01	1,524.01	246.25	1.00		1,276.76	
April 28	Virginia I. Bradley	239.46	103.46	35.00	1.00	136.00	67.46	
May 7	Hans Tonder	559.00			1.00	559.00		

May 7	Francesca Munterde	1,500.00			1.00	1,500.00		
May 7	Christian Ericksen	571.00			1.00	571.00		
May 11	Charles La Selve	1,000.00			1.00			1,000.00
May 11	John Wendel*	5.26		3.76	1.50			
May 11	Marie Vooys*	61.09			1.00	61.09		
May 12	John Hughes	485.21	485.21	164.50	3.00		317.71	
May 12	Solomon Fischel	5,547.92	5,547.92		2.00		5,545.92	
May 14	Mary A. Starr	21,500.00			1.50	21,000.00		500.00
May 14	August Anderson	1,815.92			2.00	1,815.92		
May 26	Mary Sackett*	30.00			1.00	30.00		
May 26	Jacob Maglewsky	12,500.77	500.77		2.00		498.77	12,000.00
May 26	DeWitt C. Livingston*	32.50	32.50	31.50	1.00			
June 2	Patrick Hannon	600.00			1.00	600.00		
June 2	Kate McGrath	4,175.00	36.00		1.00	139.00		4,000.00
June 2	Mary L. House	1,500.00			1.00			1,500.00
June 2	Cora House	1,500.00			1.00			1,500.00
June 4	Elmer Ingraham	200.00			1.00			200.00
June 4	Annie Gwinn	246.30	46.30		1.50	200.00	44.80	
June 9	Maurice Callahan	1,025.00	50.00		1.00	975.00	49.00	
June 9	John Heimbach	560.95	10.95		1.00	550.00	995.00	
June 9	Nettie Elliott	1,306.65			1.00	1,036.65		
June 16	Francis Metcalf	956.99	204.50		1.00	752.99	203.50	
June 16	Charles McDyer	1,000.00			1.00	1,000.00		
June 16	Catherine Park	2,500.00			1.00			2,500.00
June 16	Timothy T. Heffernan	170.00			1.00	170.00		
June 16	Charles Herold	111.00			1.00	111.00		
June 18	Daniel Peterman	4,046.34			1.00	3,046.34		1,000.00
June 22	Charles Herrmann*	7.60			1.00	7.60		
June 23	Henry Davis	895.55	20.55		1.00	875.00	19.55	
June 23	Albert E. Roome	2,027.41	27.41		1.00			2,000.00
June 30	Caspar Hansen	4.000.00			1.00			4,000.00
June 30	Fred Kubli	333.85	2.63		1.00	331.22	1.63	

* Proceedings under Section 1726A, Code of Civil Procedure.

1914.		Approximate Value as Far as Ascertained	Money Which Has Come Into the Hands of the Administrator	Funeral Expenses, Debts, etc.	Fees and Expenses Paid by the Administrator	Money in Bank and Not Withdrawn by Administrator	Moneys on Deposit with First Federal, Union Trust, Anglo Calif. Trust Co. and S.F.Sav. Union Hibernia, German and French Banks	Property Exclusive of Money in Hands of Administrator
June 30	Theodor Gluska	3,320.91	600.00		7.00	220.91	593.00	2,500.00
July 1	Rudolph Muller	500.00			3.00	500.00		
July 2	Jeremiah J. Harrington (Special Letters)	475.00			1.00	475.00		
July 2	James Linsky	316.86			4.00	316.86		
July 7	Alphonse Tollet	772.87			1.00	772.87		
July 7	Isaac Nartelsky	15,233.14			1.00	15,233.14		
July 7	Rose C. Smith	75.00			1.00	75.00		
July 7	Fritzon Lindeman	1,000.00			1.00			1,000.00
July 7	Betty Nelson	573.00			1.00	573.00		
July 7	Gus Emanuel (Spec. Letters)				1.00			

State of California,
City and County of San Francisco. } ss.

M. J. Hynes, being first duly sworn, says: that he now is, and ever since the 8th day of January, 1912, at twelve o'clock noon, on said day, has been, the duly elected, commissioned, qualified and acting Public Administrator of the City and County of San Francisco, State of California; and that the foregoing report and return contains and is a full, true and correct report, return and account of all estates of decedents, which have come into his hands for the six months ending at twelve o'clock noon, on the 8th day of July, 1914, and that the value of each estate, the money which has come into his hands from each of said estates and what he has done with the same, and the expense incurred in each of said estates and the balance of money remaining in his hands, if any, in each of said estates, is correctly set forth in said foregoing return and report; that affiant is not, and was not during any of the times mentioned in said return and report, or at any other time, interested in the expenditures of any kind made on account of any estate which he administered, or of which he is the administrator, or which has come into his possession or under his charge, nor is he associated in business or otherwise with any one who is so interested.

M. J. HYNES,

Subscribed and sworn to before me this 8th day of July, 1914.

(Seal)

J. J. KERRIGAN,
Notary Public in and for the City and County of San Francisco, State of California.

Report of Playground Commission

August 6, 1914.

To the Honorable James Rolph, Jr.,
Mayor, City and County.

Dear Sir:—Pursuant to Section 9, Article XVI, of the Charter of the City and County of San Francisco, the Playground Commission herewith presents the report for the fiscal year 1913-14.

Very truly yours,

F. A. LAWLER, Secretary.

The advance of San Francisco in Municipal affairs during the past year has been most gratifying; the building of the Civic Center, the development of the Hetch Hetchy water system, and the manner in which the streets are being improved are large affairs attracting national attention.

Whilst we are giving thought to the matters of construction and development, we should not lose sight of the fact that we are building not only for ourselves but for future generations. The boys and girls of today are the citizens of tomorrow, and if we want good, strong men and women to carry on our work when our task is finished, we must not only look to the mental development of the child from a scholastic point of view, but his moral and physical welfare also demands our attention.

Modern conditions are such that department houses and flats with their attendant telephones and gas stoves eliminate the chores which a few years ago helped to fill in the hours between school and bed time. The old fashioned home and spacious yard where the girl played house, ring around the rosy, hide and seek, etc., is gone; the vacant lot for ball games, macadamized streets for coasters, wooden sidewalks for marbles and tops are all things of the past, a local ordinance deprives the boy of today of the pleasures of kite flying.

The only place for the growing child to find recreation is on the streets or in the cheap theatre where the attractions are of a nature likely to stunt the moral growth and in no way increase the physical development.

To provide places where the future rulers of the city can properly develop their physical being and give tone to their moral tendencies is our absolute duty. The best place for such development is on the municipal playground under proper supervision. The Playground Commission is endeavoring to accomplish this end on the play places under its control. The department has at the present time jurisdiction over seven, supervises play on two school yards, and maintains and operates for the children of San Francisco a swimming tank and bath house, modern in every detail.

The sum of $66,075.00 was set aside by the Board of Supervisors for the maintenance of the playgrounds during the fiscal year 1913-14. This appropriation, while adequate for the operation and supervision of the present playgrounds, left a very small margin for new development and construction. It was only by exercising the greatest economy that the Commission was able to set aside any money for the construction of the tank at Nineteenth and Angelica Streets.

Contracts for the foundation of the tank and the Bath House were let and this work is nearly completed. It is doubtful, however, if we will be able to erect the Bath House during the coming fiscal year, as the appropriation has remained stationary, and it will be necessary to spend considerable money on the development of Hamilton Square and the California Woman's Hospital site.

The Playground Commission has received petitions from all sections of San Francisco for additional playgrounds, in many instances these requests should be granted, it is to be hoped, therefore, that in the next budget that not only a sufficient sum will be set aside for all necessary improvements, but also for the purchase of additional sites in the outlying districts.

ADMINISTRATION

Equipment	$ 1,542.98	
Furnishing	60.00	
Labor	277.00	
Operating Supplies	319.08	
Play Supplies	2,519.28	
Salaries	6,907.50	
Stationery	93.60	
Sundry Expenses	59.50	$11,778.94

BAY VIEW SCHOOLYARD

Labor	9.00	
Operating Supplies	74.93	
Play Supplies	143.47	
Salaries	650.00	
Sundry Expenses	27.30	904.70

EXCELSIOR PLAYGROUND

Construction	529.72	
Furnishing	23.30	
Labor	670.00	
Operating Supplies	602.17	
Play Supplies	259.08	
Salaries	3,180.00	
Stationery	18.50	
Sundry Expenses	67.30	5,350.07

HAMILTON PLAYGROUND

Construction	6.61	
Labor	78.50	
Operating Supplies	414.60	
Play Supplies	310.63	
Salaries	3,034.75	
Sundry Expenses	6.00	3,851.09

HOLLY PARK PLAYGROUND

Labor	9.00	
Operating Supplies	62.73	
Play Supplies	225.41	
Salaries	900.00	1,197.14

JACKSON PLAYGROUND

Construction	219.00	
Labor	429.00	
Operating Supplies	1,368.21	
Play Supplies	244.86	
Salaries	3,964.30	
Stationery, etc.	4.50	6,229.87

NORTH BEACH PLAYGROUND

Construction	2,217.79	
Furnishing	44.25	
Labor	2,661.50	
Operating Supplies	1,946.55	
Play Supplies	446.67	
Salaries	4,490.00	
Stationery, etc.	59.25	11,446.01

BATH HOUSE NORTH BEACH PLAYGROUND

Construction	1,576.68	
Furnishing	121.58	
Labor	61.00	
Operating Supplies	1,283.90	
Salaries	1,400.00	
Sundry Expenses	185.44	4,628.60

PRESIDIO HEIGHTS PLAYGROUND

Labor	490.50	
Operating Supplies	121.58	
Play Supplies	113.80	
Salaries	900.00	
Sundry Expenses	13.60	2,064.71

SOUTHSIDE PLAYGROUND

Construction	4,190.81	
Furnishing	302.28	
Labor	1,057.00	
Operating Supplies	2,148.03	
Play Supplies	214.52	
Salaries	4,115.00	
Sundry Expenses	25.70	12,053.34

YERBA BUENA SCHOOLYARD PLAYGROUND

Labor	79.50	
Operating Supplies	63.55	
Play Supplies	134.12	
Salaries	800.00	
Sundry Expenses	93.03	1,170.20

SPRING VALLEY SITE

Construction	411.35

MARSHALL PLAYGROUND

Construction	595.65
	$61,701.67

Appropriation	$66,075.00
Balance 1913	3,918.40
	$69,993.40
Expenditures	61,701.67
	$ 8,291.73

Balance covered by contract for Marshall Baths.

TABLE OF ATTENDANCE

BAY VIEW SCHOOL YARD PLAYGROUND

	Boys.	Girls.	Total.
July	1,347	1,161	2,508
August	1,328	1,326	2,654
September	1,676	1,202	2,878
October	1,867	1,394	3,261
November	1,498	1,072	2,570
December	1,053	708	1,761
January	1,006	557	1,563
February	1,290	902	2,192
March	1,746	1,031	2,777
April	1,339	1,041	2,380
May	1,573	1,348	2,921
June	1,746	1,555	3,301
	17,469	13,297	30,766

HAMILTON PLAYGROUND

	Boys.	Girls.	Total.
July	8,315	5,221	13,536
August	6,650	4,995	11,645
September	6,550	4,670	11,220
October	7,685	5,815	13,500
November	5,925	3,785	9,720
December	5,055	3,080	8,135
January	2,440	2,995	8,435
February	6,020	3,740	9,760
March	8,340	3,940	12,280
April	7,080	4,040	11,120
May	8,615	5,885	14,500
June	6,950	4,593	11,543
	82,625	52,769	135,394

EXCELSIOR PLAYGROUND

	Boys.	Girls.	Total.
July	9,010	6,470	15,480
August	9,010	6,470	15,480
September	4,515	2,895	7,410
October	4,180	2,905	7,085
November	3,995	2,290	6,285
December	2,285	1,240	3,525
January	1,525	925	2,450
February	2,515	1,505	4,020
March	3,960	1,995	5,955
April	4,520	2,930	7,450
May	6,290	4,301	10,591
June	6,180	3,715	9,895
	57,985	37,641	95,623

HOLLY PARK PLAYGROUND

	Boys.	Girls.	Total.
July	2,185	1,866	4,051
August	1,445	1,721	3,166
September	2,287	2,003	4,290
October	1,633	1,483	3,116
November	3,358	1,155	4,513
December	984	883	1,867
January	912	759	1,671
February	1,489	1,144	2,633
March	2,582	2,367	4,949
April	1,730	1,023	2,753
May	2,066	1,425	3,491
June	2,626	2,065	4,691
	23,297	17,894	41,191

JACKSON PLAYGROUND

	Boys.	Girls.	Total.
July	5,110	2,973	8,083
August	3,580	2,110	5,690
September	2,285	4,610	6,895
October	4,600	2,565	7,165
November	2,945	1,555	4,500
December	3,215	2,295	5,510
January	1,707	935	2,642
February	2,955	1,610	4,565
March	4,660	2,220	6,880
April	3,585	1,680	5,265
May	5,375	2,755	8,130
June	5,040	2,770	7,810
	45,057	28,078	73,135

NORTH BEACH PLAYGROUND

	Boys.	Girls.	Total.
July	7,481	8,300	15,781
August	8,114	6,885	14,999
September	12,291	7,257	19,548
October	7,875	7,293	15,168
November	6,952	6,000	12,952
December	4,245	3,755	8,000
January	2,873	3,402	6,275
February	7,426	4,980	12,406
March	7,133	5,762	12,895
April	6,805	4,175	10,980
May	8,670	5,002	13,672
June	8,325	6,470	14,795
	88,190	69,281	157,471

PRESIDIO HEIGHTS PLAYGROUND

	Boys.	Girls.	Total.
July	1,766	1,125	2,891
August	1,374	1,053	2,427
September	1,485	1,040	2,525
October	1,561	1,170	2,731
November	1,210	673	1,883
December	854	541	1,395
January	422	282	704
February	833	587	1,420
March	1,049	752	1,801
April	1,100	925	2,025
May	1,089	877	1,966
June	1,435	825	2,260
	14,178	9,850	24,028

SOUTHSIDE PLAYGROUND

	Boys.	Girls.	Total.
July	4,658	3,214	7,872
August	4,649	2,554	7,203
September	6,577	3,163	9,740
October	6,494	2,900	9,394
November	3,900	2,154	6,054
December	3,630	2,190	5,820
January	2,106	1,290	3,396
February	4,275	2,582	6,857
March	5,075	3,092	8,167
April	4,909	2,643	7,552
May	7,119	4,233	11,352
June	5,447	3,427	8,874
	58,839	33,442	92,281

YERBA BUENA PLAYGROUND

	Girls.	Boys:	Total.
July	1,928	1,676	3,604
August	1,613	1,710	3,323
September	1,930	2,093	4,023
October	1,427	2,400	3,827
November	1,849	1,885	3,734
December	1,506	1,738	3,244
January	1,010	1,220	2,230
February	1,292	1,585	2,877
March	1,171	1,615	2,786
April	1,308	1,258	2,566
May	746	968	1,714
June	1,888	863	2,751
	17,668	19,011	36,679

BATH HOUSE NORTH BEACH

	Girls.	Boys.	Total.
April	370	159	529
May	259	119	378
June	774	403	1,177
July	676	501	1,177
	2,079	1,182	3,261

SUMARY OF TOTALS

Bay View	30,766
Excelsior	95,626
Hamilton	135,394
Holly Park	41,191
Jackson	73,135
North Beach	157,471
Presidio	24,029
Southside	92,281
Yerba Buena	36,679
Bath House	3,261
	689,832

Tax Collector's Report

San Francisco, July 21, 1914.

Hon. James Rolph, Jr., Mayor of the City and County of San Francisco.

Dear Sir:—In accordance with Article XVI, Sec. 9, of the Charter of the City and County of San Francisco, I hereby respectfully submit the annual report of License Department of the Tax Collector's office, Fiscal Year 1913-1914.

EDWARD F. BRYANT,
Tax Collector.

No.		
1,740	Apartment Houses	$ 5,380.00
33	Assayers	345.00
25	Advertisers and Bill Posters	2,045.00
179	Auctioneers	1,229.00
17	Ball and Ring Games	85.00
43	Ball or Dance one night	430.00
4	Base Ball Grounds	300.00
254	Bathing Establishments	1,094.00
5,524	Billiard and Pool Tables	22,096.00
186	Bowling Alleys	930.00
66	Brokers, Custom House	780.00
1,233	Brokers, Real Estate	6,735.00
274	Brokers, Merchandise	1,700.00
478	Brokers, Stock and Money	3,477.00
43	Carpet Cleaners	430.00
10	Circus	1,010.00
42	Concerts	210.00
6	Concert Halls	706.00
68	Concealed Weapon Cards	204.00
4	Cycleries	16.00
56	Dance Halls	4,200.00
64	Detective Agents	960.00
3,911	Dogs	7,822.00
316	Dogs, Duplicate Tags	158.00
58	Dyeing and Cleaning	412.00
30	Exhibitions	155.00
12	Electrical Fixture Man	1,200.00
13	Express Agents	110.00
7	Gas Regulators	70.00
77	Guides	770.00
4	Guides' Badges	10.00
2,360	Hotels	9,338.00
10	House Raising and Moving	250.00
271	Intelligence Office Keepers	4,336.00
583	Junk Dealers	811.00
1,022	Laundries	6,780.00
4	Light and Power Companies	8.00
8,389	Liquor Dealers, Retail	1,048,625.00
522	Liquor Dealers, one day	5,220.00
385	Livery Stables	1,540.00
2,322	Lodging Houses	6,985.00
82	Mercantile Agents and Collection	847.50
16	Merry-Go-Rounds	160.00
144	Master Electrician	1,480.00
658	Nickel in the Slot, Semi-Annual	658.00
150	Nickel in the Slot, Yearly	300.00
1	Out Door Park	200.00
338	Panorama, Cyclorama, etc	8,450.00
262	Pawnbrokers	8,122.00
1,571	Peddlers	9,426.00
1	Petroleum Storage	10.00
4,399	Restaurants	15,237.00
9	Riding Academies	36.00
5	Roller Skating Rinks	100.00
182	Runners and Solicitors	1,820.00

No.		
186	Slaughterers	3,021.00
4	Sparring Exhibitions, Class A	4,800.00
11	Sparring Exhibitions, Class B	3,575.00
748	Second Hand Goods Dealers	1,482.00
57	Shooting Galleries	427.50
278	Transfer and Delivery	1,405.00
22	Theaters	5,548.00
32	Towel Companies	196.00
135	Warehouses	1,945.00
13	Water Companies	1,022.00
508	Automobile, Passenger	1,701.00
88	Cabs, Hacks and Busses	230.50
2,754	Street Railroad Cars	10,327.50
260	Drivers' Badges	260.00
5,490	One-Horse Wagons	8,513.00
4,150	Two-Horse Wagons	10,532.50
726	Two- and Four-Horse Trucks	4,787.75
810	Automobile Trucks	3,949.00
3	Stage Line Agents	30.00
54,738		$1,259,561.25

ANNUAL SETTLEMENT FOR THE FISCAL YEAR 1913—EDWARD F. BRYANT, TAX COLLECTOR.

REAL ESTATE—FIRST INSTALLMENT.

To Total Amount charged, Real Estate, First Installment		$ 5,170,961.01
By Taxes collected and paid to the Treasurer	$ 5,148,310.46	
By Property Delinquent (previously sold to the State)	7,513.66	
By Property sold to the State for taxes of 1913	13,933.60	
By Taxes cancelled by Auditor under Section 3805, Political Code	5.04	
By Property withdrawn from sale under Section 3806, Political Code	1,190.50	
By Partial Payments, Amounts still due	7.75	
	$ 5,170,961.01	$ 5,170,961.01

REAL ESTATE—SECOND INSTALLMENT.

To Total Amount charged, Real Estate, Second Installment		$ 5,170,961.01
By Taxes collected and paid to the Treasurer	$ 5,132,942.44	
By Property Delinquent (previously sold to the State)	8,070.45	
By Property sold to the State for taxes of 1913	28,746.65	
By Taxes cancelled by Auditor under Section 3805, Political Code	5.04	
By Property withdrawn from sale under Section 3806, Political Code	1,190.50	
By Partial Payments, Amounts still due	5.93	
	$ 5,170,961.01	$ 5,170,961.01

SECURED PERSONAL PROPERTY.

To Total Amount charged, Personal Property Taxes secured by Real Estate		$ 527,604.05
By Taxes collected and paid to the Treasurer	$ 526,025.44	
By Property Delinquent (previously sold to the State)	182.38	
By Property sold to the State for taxes of 1913	1,191.09	
By Taxes cancelled by the Assessor under Section 3881, Political Code	201.78	
By Auditor's erroneous entry in Vol. 53	3.36	
	$ 527,604.05	$ 527,604.05

UNSECURED PERSONAL PROPERTY.

To Total Amount charged, Personal Property not secured by Real Estate		$ 76,707.94
By Taxes collected and paid to the Treasurer	$ 69,114.58	
By Amount cancelled by Auditor under Section 3805, Political Code	179.73	
By Amount Delinquent	7,413.63	
	$ 76,707.94	$ 76,707.94

CORPORATION STATE TAX.

To Total Amount charged, Real Estate, First Installment		$ 9,453.43
To Total Amount charged, Real Estate, Second Installment		9,453.43
To Total Amount charged, Secured Personal Property		16,451.14
By Amount collected and paid to Treasurer, Real Estate, First Installment	$ 9,453.43	
By Amount collected and paid to Treasurer, Real Estate, Second Installment	9,453.43	
By Amount collected and paid to Treasurer, Secured Personal Property	16,451.14	
	$ 35,358.00	$ 35,358.00

PENALTIES.

To Amount charged, Real Estate Taxes, First Installment		$ 20,326.45
To Amount charged, Real Estate Taxes, Second Installment		6,060.36
To Amount charged, Secured Personal Property Taxes		1,543.39
To Amount charged, Unsecured Personal Property Taxes		2,379.38
To Amount charged, Corporation State Taxes Secured Personal Property		.18
By Amount collected and paid to Treasurer, Real Estate, First Installment	$ 15,766.72	
By Amount collected and paid to Treasurer, Real Estate Second Installment	4,137.88	
By Amount collected and paid to Treasurer, Secured Personal Property	1,259.60	
By Amount collected and paid to Treasurer, Unsecured Personal Property	851.49	
By Amount collected and paid to Treasurer, Corp. State, Secured Personal Property	.18	
By 20% on amount delinquent $22,650.65 Real Estate First Installment	4,530.11	
By 5% on amount delinquent 38,018.57 Real Estate Second Installment	1,900.93	
By 20% on amount delinquent 1,376.83 Secured Personal Property	275.36	
By 20% on amount delinquent 7,593.36 Unsecured Personal Property	1,518.67	
By 15% not collected on partial payments $127.84 Real Estate First Installment	19.18	
By 20% not collected on partial payments 52.23 Real Estate First Installment	10.44	
By 5% not collected on partial payments 431.07 Real Estate Second Installment	21.55	
By 15% not collected on partial payments 56.21 Secured Personal Property	8.43	
By 15% not collected on partial payments 61.45 Unsecured Personal Property	9.22	
	$ 30,309.76	$ 30,309.76

STOCKTON STREET TUNNEL ASSESSMENT

To Balance due July 1st, 1913		$ 265,401.03
By Amount collected for Assments and paid to Treasurer	$ 99,155.73	
By Amount due from State of California for Sundry Assessments	8,839.79	
By Amount due covered by agreements to pay in annual installments	157,405.51	
	$ 265,401.03	$ 265,401.03

INTEREST AND ADVERTISING STOCKTON STREET TUNNEL ASSESSMENTS.

To Amount charged for Interest on deferred payments to January 1st, 1914		$ 7,219.83
To Amount charged for Interest on deferred payments to July 1st, 1914		6,033.47
To Amount due from State of California for Advertising		2.00
By Amount collected for Interest to January 1st, 1914, and paid to Treasurer	$ 7,219.83	
By Amount collected for Interest to July 1st, 1914, and paid to Treasurer	6,033.47	
By Amount due from State of California for Advertising	2.00	
	$ 13,255.30	$ 13,255.30

TWIN PEAKS RIDGE TUNNEL ASSESSMENT.

To Total Amount charged Twin Peaks Ridge Tunnel Assessment		$ 3,969,487.31
By Amount collected for Assessments and paid to Treasurer	$ 1,161,284.76	
By Amount collected for Assessments from sale of delinquent property	8,646.65	
By Property sold to the City and County for delinquent property	104,482.13	
By Balance due on property withdrawn from sale	75,285.87	
By Balance due on property covered by agreements to pay in installments	2,619,787.90	
	$ 3,969,487.31	$ 3,969,487.31

INTEREST AND ADVERTISING TWIN PEAKS RIDGE TUNNEL ASSESSMENT

To Total Amount charged for Interest on deferred payments to July 1st, 1914		$ 31,229.89
To Total Amount charged for Advertising delinquent assessments		574.75
By Amount collected for Interest to July 1st, 1914, and paid to Treasurer	$ 31,229.89	
By Amount collected for Advertising and paid to Treasurer	396.00	
By Advertising on property sold to the City and County of San Francisco	118.50	
By Amount due for Advertising from property withdrawn from sale	60.25	
	$ 31,804.64	$ 31,804.64

ADDITIONAL AMOUNTS PAID TREASURER

Additional Amounts collected and paid to Treasurer		$ 23,548.56
From Re-assessment of Taxes, 1912 (on Roll of 1913)	$ 1,037.50	
From Corporation State Re-assessment of Taxes, 1912 (on Roll of 1913)	4.02	
From Taxes of previous year	114.90	
From Costs, Taxes of 1913	1,550.00	
From Costs, Taxes of previous years	22.00	
From Sale of Poll Tax	84.00	
From Duplicate and Overpayment of Taxes	7,793.84	
From Proceeds of Property sold for the State of California	9,273.97	
From Property redeemed from sale account Stockton Street Tunnel Assessment	314.84	
From Property redeemed from sale account Twin Peaks Ridge Tunnel Assessment	2,172.08	
From Duplicate and Overpayment account Twin Peaks Ridge Tunnel Assessment	1,181.41	
	$ 23,548.56	$ 23,548.56

RECAPITULATION

To Total Amount collected and paid to the Treasurer		$12,271,281.68
From Real Estate Taxes, First Installment	$ 5,148,310.46	
From Real Estate Taxes, Second Installment	5,132,942.44	
From Secured Personal Property Taxes	526,025.44	
From Unsecured Personal Property Taxes	69,114.58	
From Corporation State Tax, Real Estate, First Installment	9,453.43	
From Corporation State Tax, Real Estate, Second Installment	9,453.43	
From Corporation State Tax, Secured Personal Property	16,451.14	
From Penalties on Taxes of 1913	22,015.87	
From Stockton Street Tunnel Assessment	99,155.73	
From Interest on Stockton Street Tunnel Assessment	13,253.30	
From Twin Peaks Ridge Tunnel Assessment	1,169,931.41	
From Interest on Twin Peaks Ridge Tunnel Assessment	31,229.89	
From Advertising on Twin Peaks Ridge Tunnel Assessment	396.00	
From Re-assessment of Taxes, 1912	1,037.50	
From Corporation State Re-assessment of Taxes, 1912	4.02	
From Taxes of previous years	114.90	
From Costs, Taxes of 1913	1,550.00	
From Costs, Taxes of previous years	22.00	
From Sale of Poll Tax	84.00	
From Duplicate and Overpayment of Taxes	7,793.84	
From Proceeds of Property sold for the State of California	9,273.97	
From Property redeemed from sale account Stockton Street Tunnel Assessment	314.84	
From Property redeemed from sale account Twin Peaks Ridge Tunnel Assessment	2,172.08	
From Duplicate and Overpayments account Twin Peaks Ridge Tunnel Assessment	1,181.41	
	$12,271,281.68	$12,271,281.68

City Attorney's Report

San Francisco, Cal., August 1, 1914.

Hon. James Rolph, Jr.,
Mayor of the City and County of San Francisco.

Sir:—In compliance with the requirements of Section 9, Article XVI of the Charter of the City and County of San Francisco, I have the honor to submit the following as my report as City Attorney for the fiscal year, 1913-1914.

THE UNITED STATES NATURALIZATION FEE CASE.

The case of Harry I. Mulcrevy, et al., v. City and County of San Francisco was finally argued before the United States Supreme Court at Washington, D. C., in the month of December, 1913, by counsel representing said Mulcrevy, and this office being also personally represented on behalf of the City and County of San Francisco. The United States Supreme Court finally decided the case on January 5, 1914, sustaining the State Supreme Court which had theretofore decided in favor of the City.

This was a test case to decide whether the City or the County Clerk was entitled to the half of the United States naturalization fees collected, which under the term of the United States Naturalization Act, do not have to be accounted for to the Department at Washington. It having been finally determined that the City was entitled to these fees, the County Clerk thereafter paid into the City Treasury the sum of $20,668.50 which represented the collection of naturalization fees commencing immediately after the passage of the Act of Congress, that is, during the full period commencing September 28, 1906, and ending December 31, 1913.

ACQUISITION OF WATER SUPPLY.

On December 19, 1913, there was finally approved by the President of the United States an Act of Congress entitled—"An Act granting to the City and County of San Francisco certain rights of way in, over and through certain public lands, the Yosemite National Park, and Stanislaus National Forest, and certain lands in the Yosemite National Park, the Stanislaus National Forest, and the public lands in the State of California, and for other purposes." This Act grants to the City and County of San Francisco all necessary rights of way along such locations of such width not to exceed 250 feet as in the judgment of the Secretary of the Interior may be required for the purposes of this Act in, over and through the public lands of the United States in the counties of Tuolumne, Stanislaus, San Joaquin and Alameda in the State of California, and in, over and through the Yosemite National Park and the Stanislaus National Forest, or portions thereof, lying within said counties, for the purpose of constructing, operating and maintaining aqueducts, canals, etc., for conveying water for domestic purposes and uses to the City and County of San Francisco and such other municipalities and water districts as may hereafter participate in the beneficial use and privileges granted by this Act.

Congress, by this Act, granted to San Francisco three main reservoir sites located in the Yosemite National Park and the Stanislaus National Forest: (1) The Hetch Hetchy Valley in the Yosemite National Park, (2) Lake Elanor in the Yosemite National Park, and (3) Cherry Valley in Stanislaus National Forest.

The old condition prescribed in the Garfield Permit of May 11, 1908, which required the construction of Elanor and Cherry Valley reservoirs prior to that of Hetch Hetchy has been eliminated. This permits the City to construct its water supply system in a logical and economical way, as the City has for some time past insisted it should be permitted to do.

Under the terms of the aforesaid Act of Congress the City is required, within three years of the approval thereof, to file with the Secretary of the Interior, for his approval, maps showing the location of its entire project. Thus far the following maps have been so filed:

On February 16, 1914, at the Sacramento Land Office, Sacramento, California, amended map showing location of Hetch Hetchy reservoir site within the boundaries of Yosemite National Park as surveyed by the City and County of San Francisco, the same being Sacramento Serial No. 07186; map showing location of tunnel aqueduct line between Cherry and Hetch Hetchy Valleys within the boundaries of Yosemite National Park, as surveyed by the City and County of San Francisco, the same being Sacramento Serial No. 07185; map showing location of tunnel aqueduct line between Hetch Hetchy Valley and Early Intake, within the boundaries of Yosemite National Park as surveyed by the City and County of San Francisco, the same being Sacramento Serial No. 07187.

The above three maps were approved by the Secretary of the interior on June 9, 1914.

On March 14, 1914, at the Sacramento Land Office, application for Cherry Valley reservoir site in Tuolumne County, California, the same being Sacramento Serial No. 04524. This application was approved by the Secretary of the Interior on June 9, 1914.

On April 10, 1914, at the Sacramento Land Office, application showing location of tunnel aqueduct line within the boundaries of the Stanislaus National Forest, as surveyed by the City and County of San Francisco. The same was approved by the Secretary of Agriculture on June 15, 1914.

On June 10, 1914, at the Sacramento Land Office, and also at the office of the District Forester at San Francisco, application showing the location of transportation road for conveying materials to Hetch Hetchy Dam, aqueduct line and appurtenant structures.

With reference to the above, on June 11, 1914, the District Forester at San Francisco granted permission to construct the same for that portion located within the Stanislaus National Forest.

As a result of application by this office to the Secretary of the Interior there was issued on January 31, 1914, executive order No. 1887, which withdrew from entry all public lands of the United States west of the Stanislaus National Forest, through which the City's proposed aqueduct is to be constructed. Also, this was supplemented by an order of April 7, 1914, the same being executive order No. 1911. Likewise on April 1, 1914, the Acting Forester recommended to the Secretary of Agriculture that all of the lands located within the Stanislaus National Forest, through which it is proposed, by the City, to so construct its aqueduct, should be closed to application under Act of June 11, 1906. (The Forest Homestead Act.) This recommendation was approved by the Secretary of Agriculture.

As a result of these orders the City is in a position to make the necessary geological and engineering studies and proceed logically with the construction of its municipal water supply without the danger of being embarrassed by speculators who might apply for lands within the above described area which had not been, prior to the above orders, withdrawn from entry.

Two actions are pending before the Superior Court of Tuolumne County in which the City and County of San Francisco is a party defendant. One is an action to quiet title to the waters flowing into the Tuolumne River immediately west of the westerly boundary line of the Yosemite National Park and to restrain the City and County from the use or diversion of said waters. This action is brought by the National Park Electric Power Company upon the claim that it has a right to the use of these waters superior to that of the City. The other action is brought by the same company against the Tuolumne Water Supply Company and the City and County to quiet title to the waters of the Cherry River and to restrain the defendants from using or diverting said waters. The same claim is made that the plaintiff has a superior right to the use of said waters.

The same company applied to the Forestry Service for a right of way along the southerly bank of the Tuolmne River from the westerly boundary of the Yosemite National Park. This application was finally denied by the Secretary of Agriculture, June 30, 1912, after a hearing held in Washington, D. C., at which this office opposed the application. Permission was given to amend, but only as to the south and middle forks. The National Power Company, as successor in interest to the National Park Electric Power Company, then attempted to avail itself of this permission by filing an amended application. This was rejected by the Forestry Service, on the ground that such right as the National Park Electric Power Company had was not assignable. Permission was given to the latter company to file an amended application in accordance with the decision of the Secretary of Agriculture, of June 30, 1912. This company has filed an application identical with that of the National Power Company, and to this, the City has filed a protest. The application is still pending.

On March 5, 1914, there was finally entered a judgment rendered by the Superior Court of the State of California, in and for the County of San Joaquin, in the case of the City and County of San Francisco vs. McGovern, et al. This was the case in which the City brought suit in mandamus against the Board of Supervisors of Tuolumne County to compel the cancellation of the assessment by that county of the City's water properties located in Tuolumne County. The judgment was rendered in favor of the City, on the ground that said properties are not subject to taxation, being the property of a municipality. An appeal has been taken to the District Court of Appeal of this State from the aforesaid judgment.

NATIONAL BURNED CLAY AND CONCRETE CASE.

On May 5, 1914, The National Burned Clay Concrete Co., a corporation, filed in the District Court of the United States, Northern District of California, a Bill in equity alleging that the City and County of San Francisco was infringing letters patent No. 803,285, owned by the plaintiff, in using and permitting to be used on the new City Hall for fireproofing purposes a certain mixture of broken brick or burned clay with Portland cement and praying for an injunction against its further use and damages for the use already made. Upon the filing of the Bill, there was issued an order to show cause why a temporary injunction should not issue pending the hearing and determination of the suit.

The City and County of San Francisco through the City Attorney's Office appeared and filed its answer to the Bill and denied the validity of the patent alleging that the patent was void for numerous reasons. Upon the hearing of the order to show cause, the City by affidavit showed that the composition covered by the patent had been in public use long before the issuance of the letters patent and that such composition was used in the construction of the Old City Hall as early as the year 1885 and that it was well known to the engineering art. The motion for a preliminary injunction came on for hearing before the Court on May 18th, 1914, and after argument by both sides was denied by the Court.

Since said date the plaintiff has done nothing towards bringing the principal case on for hearing or to take any testimony thereon.

This cause was of prime importance for the reason that if the complainant could have prevailed in his application for a preliminary injunction the entire work of construction on the new City Hall would have been indefinitely postponed, and in the end that part of the fireproofing work already installed would have been removed or the City compelled to pay heavy royalties for its use and damages. Owing to the promptness with which the issue was met and the disposition of the matter at the first hearing, no delay or inconvenience was suffered in the construction of the City Hall structure.

SPRING VALLEY CONDEMNATION CASE.

Pursuant to resolution of the Board of Supervisors, a suit of condemnation was commenced by the City Attorney on behalf of the City and County against the Spring Valley Water Company to acquire various properties owned by it. The properties included in this suit were selected for said purpose by the City Engineer, M. M. O'Shaughnessy. Preparation for the trial of the case was commenced by the City Attorney's Office, valuation of the Spring Valley property being made under the direction of the City Attorney and the City Engineer by experts used and employed for said purpose. A proposition for the friendly acquisition of Spring Valley Water Company's property having been agreed to by the Spring Valley Water Company and the Advisory Water Committee, and it having been voted by the Board of Supervisors to submit the same to the people, a date for the actual trial of the condemnation suit has not been set. The City is in a position, however, to proceed with said condemnation at any time.

SAN CHRISTINA CASE.

This action was one entitled San Christina Investment Company v. City and County of San Francisco. It involves the validity of the so-called "emergency or special taxes" levied by the Board of Supervisors in excess of the dollar limit in the year 1910 for the fiscal year 1910-1911. The San Christina case was one of many cases brought for the recovery of these taxes. The City and County of San Francisco, through the City Attorney, demurred to the complaint as filed and the demurrer was sustained by his Honor, Judge Seawell, without leave to amend. Judgment was thereupon entered in favor of the City. The effect of the demurrer, therefore, was to sustain the validity of the taxes. The plaintiff, San Christina Investment Company appealed from the judgment to the Supreme Court. The latter reversed the judgment, holding that the demurrer should not have been sustained. (San Christina Investment Co. v. San Francisco, 167 Cal. 762.) The matter is, therefore, now pending before the Superior Court to be tried upon its merits.

GAS AND ELECTRIC RATES.

There are pending two suits, both by the Pacific Gas and Electric Company against the City and County, Nos. 27 and 32 on the equity side of the United States District Court to enjoin the enforcement of the Gas and Electric rates fixed by the Supervisors' Ordinances for the fiscal year 1913-1914. Both matters were referred to the Master in Chancery, H. M. Wright, and hearings were held upon the application for temporary injunction.

Although the City was able to show that on the face of the case presented by plaintiff and taking account of only such deductions from claimed property valuation, expenses and reserves as were justified by law, yet the gas rate yielded a net rate of 5.21 per cent and the electric rate 5.82 per cent, the Master in Chancery recommended the issuance of a temporary injunction in both cases. It is felt, however, that upon the final hearing when the issues of fact can be tried that the City will experience no difficulty in showing that both these rates yield at least 6 per cent net which the Master found to be the minimum reasonable rate.

TELEPHONE RATE.

The Pacific Telephone and Telegraph Company brought equity suit No. 21 in United States District Court to enjoin the enforcement of both the initiative rate Ordinance adopted by the people in the Spring of 1913 and the Supervisors' Ordinance fixing the rates for the fiscal year 1913-1914. The City's answer has been filed in this case and it is expected the same will be tried in the near future. A temporary restraining order was granted upon the ex parte application of the plaintiff at the time the suit was filed.

ACQUISITION OF LANDS.

LINCOLN PARK BOULEVARD.

During the past year, through negotiations conducted by this office, the City has practically completed the acquisition of the lands necessary for the construction of the proposed Lincoln Park Boulevard. This boulevard is to be a part of the chain of boulevards with which it was proposed to encircle the City at the time the Panama-Pacific Exposition site was determined upon. Starting at the Sea Cliff subdivision, it runs along the Cliffs through the Brickell Tract through Lyon and Hoag subdivision of the Bakers Beach Land Tract into Lincoln Park, thence by a series of easy grades over the top of the hill to the east of Ft. Miley, connecting with the great highway. This, when completed, will be undoubtedly the most beautiful scenic boulevard of the City, and it is proposed to connect it with the new boulevard in the Presidio by means of a viaduct across Lobos Creek, with the cooperation of the United States Government.

RATE LITIGATION.

WATER RATES.

The rate litigation of the Spring Valley Water Company in the United States District Court, comprising equity suits Nos. 14275, 14735, 14892, 15344, 15131, and 26 are still pending awaiting the determination by the people as to whether Spring Valley properties shall be purchased. It is proposed and agreed upon by the Company that in the event such purchase is consummated, the impounded rate moneys, amounting to approximately $1,800,000, shall be equally divided between the Spring Valley Company and the rate payers. This litigation would then be dismissed.

While answers have been filed in all of the above cases and the matters referred to the Master in Chancery for taking testimony, the actual trial has been deferred until the people finally determine the question of the Spring Valley purchase in order that no needless expense may be incurred.

This office has gathered most of the evidence necessary to try these cases and is prepared to push them to a speedy hearing in the event the people should reject the proposed compromise.

TWIN PEAKS TUNNEL RIGHT OF WAY.

The work of this office in furthering the Twin Peaks Tunnel project has been treated elsewhere in this report. It is sufficient to say at this point that rapid progress is being made in the matter of acquiring lands necessary for the Right of Way. Sixty-four (64) parcels are to be acquired in fee and sixty-eight (68) sub-surface easements must be purchased. All property west of the Alms House tract is to be deeded to the City without cost by the owners of the several subdivisions through which the Tunnel passes. The principal expense will be incurred in acquiring the Right of Way and in removing building between Seventeenth and Castro and Eighteenth and Hattie Streets. It is estimated that the cost of this portion of the Right of Way will be in the neighborhood of a half million dollars. Condemnation suits will be filed where necessary, but it is anticipated that the greater portion can be purchased through friendly negotiations.

DIVISION STREET WIDENING.

Arrangements have been made for the exchange of property in the neighborhood of Division Street and Potrero Ave., which will enable the City to widen Division Street near this junction giving ample room for the Potrero Ave. division of the municipal car lines and furnishing another valuable artery to the Potrero manufacturing district.

MUNICIPAL RAILWAYS.

The advent of the City as the operator of a system of Municipal Railways opened a new field of litigation with which this office has been directly concerned. The occurrence of every accident means the filing of a claim or suit against the City for damages due to alleged negligence in operating the railway, which in turn necessitates a detailed investigation of the facts and a due examination of all the witnesses of the accident by this office in order to ascertain whether a settlement should be advised, or liability disaffirmed and the suit or claim litigated. In all settlements this office acts in conjunction with the Board of Supervisors and Superintendent of the Municipal Railways.

The case of Granfield v. City and County, Superior Court No. 52,391, was an action for damages arising out of the first serious accident on the Geary Road. The action was for $7,232.50 for alleged damages to an auto truck caused by a collision with what the complaint alleged to be a runaway Geary car on the hill between Baker and Lyon Streets on Geary. After a few days' jury trial of the action before Judge Hunt, a verdict was returned against the City for the sum of fifty-three hundred dollars. Motion for a new trial and for a reduction of the verdict is now pending in the Superior Court.

Another action, Boudin vs. the City, Superior Court No. 49,547, arose out of the same set of circumstances which caused the Granfield accident, claim was made in the action for $650 damages, sustained by reason of the destruction of plaintiff's bakery wagon and horse. Upon advice of the City Attorney the suit was settled by the Board of Supervisors.

Numerous small claims, aggregating approximately $50,000 have been made against the City for damages. Of these but a small number have merited settlement, this office disaffirming liability on the major portion after careful investigation of the facts.

With the exception of one unfortunate case, the Municipal Road has been very successful in avoiding accidents, and as is inferred above with respect to claims the major portion of accidents have been due to the injured person's negligence.

ACQUISITION OF PRESIDIO AND FERRIES RAILWAY.

On December 30, 1879, the Board of Supervisors of the City and County of San Francisco finally passed and approved Order No. 1549 notwithstanding the veto of the Mayor, which said Order granted to Alexander R. Baldwin, Andrew S. Hallidie, James Moffitt, Nathaniel J. Brittan and Arthur W. Bowman, their successors and assigns, the right to construct, lay down and operate for the term of twenty-five years from and after December 30, 1879, a single or double track street railroad with all of the necessary sidetracks, switches, turnouts, and turntables along and upon the following streets in the City and County of San Francisco, to-wit: Commencing at the intersection of Montgomery Avenue with Union Street and running thence southeasterly along and upon Montgomery Avenue to Jackson Street; and thence along and upon Jackson Street to Montgomery Street; thence along and upon Montgomery Street to Washington Street; thence along and upon Washington Street to Sansome Street; and thence along and upon Washington Street to East Street; and thence along and upon East Street to Market Street; also, commencing at the intersection of Washington

Street with East Street; thence along and upon East Street to Jackson Street; thence along and upon Jackson Street to Montgomery Street; also, commencing at the intersection of Montgomery Avenue and Jackson Street; thence along and upon Montgomery Avenue to Montgomery and Washington Streets; also, commencing at the intersection of Montgomery Avenue and Union Street; thence westerly along and upon Union Street to Steiner Street; thence along and upon Steiner Street to Greenwich Street; thence along and upon Greenwich Street to Baker Street; thence along and upon Baker Street to Jefferson Street; and thence along and upon Jefferson Street to the Presidio Reservation.

Subsequently the Board of Supervisors consented to the abandonment of Steiner Street from Union to Greenwich Streets by Resolution No. 991 (Fourth Series); Greenwich Street from Baker to Steiner by Resolution No. 12,637 (Third Series); Union Street from Baker to Lyon Streets by Resolution No. 6378 (Third Series).

On December 10, 1888, Order No. 2015 supplementary to and amendatory of the provisions of Order No. 1549 was approved. Section 1 of said Order is as follows:

"Section 1. The right of way granted by Section 1 of Order No. 1549, is hereby extended as follows: Commencing at the intersection of Steiner street with Union street and running thence westerly along Union street to Lyon street, and to the Presidio Reservation, subject to all the privileges, conditions and restrictions contained in said Order No. 1549, provided that the franchise is granted on the express condition that when said Union street, between Steiner and Lyon streets, or any portion of said street over which the foregoing route extends, shall hereafter be accepted by the city and county, the said grantees, their successors and assigns, shall, after the date of such acceptance keep the surface of said street in good order and repair on the official grade, throughout the entire width of the roadway, during the continuance of the franchise herein granted; otherwise, this franchise shall cease and determine, and become null and void. Also, provided, however, that the franchises and privileges granted by said Order No. 1549, and by this Order, shall continue and be in full force and effect for the term of twenty-five years from and after the passage of this order."

Ordinance No. 51 (New Series) approved September 14, 1906, authorized and directed the Presidio and Ferries Railroad Company, the successors in interest of the grantees under the franchises granted by Orders No. 1549 and 2015 to operate all of its several cable, steam and horse railway lines, so far as grades will permit, by electricity by means of the so-called overhead trolley system, and to erect the necessary poles and string the necessary wires and provide and use the necessary means to that end. The last named ordinance did not make any change in the life of the franchise.

Ordinance No. 547, approved September 14, 1908, granted to the Presidio & Ferries Railroad Company, a corporation, a franchise for a right until December 10, 1913, to use portions of the streets hereinafter named and described for street railroad purposes by means of electricity and a single or double track standard gauge railroad. The following is a description of the route referred to, to-wit: Commencing at a point formed by the intersection of Union and Larkin streets; thence running southerly along said Larkin street to the intersection of Larkin and Vallejo streets; thence curving into Vallejo street and running westerly along said Vallejo street to the intersection of Franklin and Vallejo streets, and thence curving into Franklin street and running northerly along Franklin street to the intersection of said Franklin and Union streets.

On September 8, 1913, the Board of Supervisors adopted the following resolution, Journal Resolution No. 879:

"RESOLVED, That the City Attorney be requested to solicit offers from the Presidio and Ferries Railway Company to sell to the City such of its property

as may be useful to the City in operating a municipal railway, and in this matter to co-operate with the City Engineer and to report to the Public Utilities Committee the result of the negotiations.

Acting under the instructions contained in said Resolution the City Attorney conferred with Mr. George Newhall, President of the Presidio and Ferries Railway Company and as a result of said negotiations the following agreement between the City and County of San Francisco and the Presidio and Ferries Railway Company was approved by the Board of Supervisors and said Board adopted Resolution No. 10570 (New Series) on December 3rd, 1914, authorizing its execution by his Honor the Mayor, or Acting Mayor.

This Agreement, made and entered into this 10th day of December, in the year of our Lord one thousand nine hundred and thirteen, by and between the PRESIDIO AND FERRIES RAILROAD COMPANY, a corporation, organized and existing under and by virtue of the laws of the State of California, the party of the first part, and the CITY AND COUNTY OF SAN FRANCISCO, a municipal corporation, the party of the second part:

WITNESSETH: That for and in consideration of the mutual promises and covenants of the parties hereto the said party of the first part agrees to relinquish the operation of the street railroad system maintained, carried on and conducted by it in the City and County of San Francisco to the said party of the second part on the 10th day of December, 1913, at the hour of twelve o'clock midnight, and at the same time to transfer, free and clear of incumbrances, liens or adverse claims of any sort to the said party of the second part, title to all of its physical or tangible properties of whatsoever kind, nature or character now used or useful by said party of the first part in the carrying on, operation or maintenance of said street railroad.

IT IS HEREBY mutually understood and agreed by and between the parties hereto that the physical or tangible properties belonging to the said party of the first part and used in the conduct of its said business, are to be acquired and purchased by the party of the second part at a price not less than three hundred thousand ($300,000) dollars nor more than three hundred and sixty thousand (360,000) dollars. The price to be paid by the said party of the second part for the said physical properties of the said party of the first part shall be limited to the present actual depreciated value as of December 10th, 1913, of the said property in place, which shall be the reproduction cost less present depreciation; provided, however, that no value shall be placed on four-inch rails in place of steel yokes; and provided further that no value shall be placed on, or paid by said party of the second part for any physical property used or now in use by the party of the first part in the construction of the street railroad, a franchise for which was granted to the party of the first part under and by virtue of Ordinance No. 547, New Series, approved September 14, 1908, as according to the terms of the second condition in Section 3 of said Ordinance No. 547, New Series, the road track and bed of said railway and all of the stationary fixtures upon the public streets shall become the property of the City and County of San Francisco at the end of the term of the franchise granted by said Ordinance No. 547, New Series.

The sum of fifty thousand ($50,000) dollars is to be paid by the party of the second part to the party of the first part on the execution of the transfer of title, and it is mutually understood and agreed by and between the parties hereto that the price to be paid by the said party of the second part to said party of the first part for said properties up to but not in excess of three hundred and sixty ($360,000) dollars and not less than three hundred thousand ($300,000) dollars shall be fixed and determined by two arbitrators, one of whom shall be the City Engineer of the City and County of San Francisco, acting for and on behalf of the party of the second part, and Thomas H. Mullins, acting for and on behalf of

the party of the first part, said arbitrators to make their report within sixty days from date of this agreement.

It is further mutually understood and agreed that the finding and determination of said arbitrators as to the value of such properties shall be binding and conclusive upon the parties hereto and that the sum determined upon by said arbitrators will be paid by the party of the second part to the party of the first part and the party of the first part hereby agrees to accept said sum in full payment therefor. In the event of the failure of the said arbitrators to agree within sixty days from the date of this agreement upon the value of said properties it is hereby understood and agreed that the matter of the ascertainment and determination of such value shall be submitted to A. M. Hunt, whose decision shall be binding and conclusive upon the parties hereto, and whose decision shall be made and given fifteen days from the date of submission to him.

The physical properties included in this agreement are as follows: all tracks, poles, wires and structures of every kind or nature in, upon or over the streets of the City and County of San Francisco which are used in the present operation of the street railroad of the party of the first part; all cars and all tracks, tools, materials and appliances which are at present in use in the operation of or maintenance of the street railroad of the party of the first part or are stored in the car barn of the party of the first part at Gough and Filbert streets in said City and County of San Francisco, nothing herein being intended to cover real estate or buildings.

It is hereby mutually understood and agreed that the balance of the price or sum to be paid by the party of the second part to the party of the first part, as ascertained and determined by the arbitrators, as aforesaid, together with interest at five per cent per annum from December 10, 1913, shall be paid by the party of the first part thirty days after the decision and determination of the value by said arbitrators shall be filed with the parties hereto.

It is further mutually understood and agreed that the party of the first part, in the event of the inability or failure of the said party of the second part to sell and dispose of a sufficient number of street railroad bonds to realize a sum sufficient to purchase said properties at the price or value fixed, determined and ascertained by said arbitrators, as aforesaid, shall purchase or cause to be purchased at not less than par and accrued interest, a sufficient number of said street railroad bonds issued by said City and County of the issue of 1913, to enable said party of the second part to purchase said properties.

It is further agreed by the party of the first part that in the event that it exercises the right and privilege granted to it in the foregoing paragraph an agreement will be made at the time of the purchase of said bonds under said right and privilege so given that said bonds so purchased will not be offered for sale by the purchaser at less than the par value, plus accrued interest within one year from the date of the purchase of said bonds.

It is further mutually understood and agreed that all employes of the party of the first part who desire shall be given the preference of employment in the Municipal Railway System which it is designed to make the street railroad operated by the party of the first part a part of, in so far as is possible under the Civil Service provisions of the Charter of the City and County of San Francisco and consistent with the needs of the said Municipal Railway System.

It is further mutually understood and agreed that any expense incurred in the arbitration of the value of the said properties of the party of the first part shall be divided equally between the parties hereto.

The said party of the first part hereby agrees to lease to the said party of the second part for a term of one year with an option of two successive years more, said option to be exercised successively by the party of the second part in periods of one year or less at a rental of one hundred and fifty ($150) dollars per

month, plus the taxes thereon, the real estate located on the corner of Gough and Filbert Streets in said City and County and now occupied and used by said party of the first part as a car barn and offices.

IN WITNESS WHEREOF, the said party of the first part has hereunto caused its name to be signed and its corporate seal to be affixed hereto by its officers thereunto duly authorized by resolution of its Board of Directors, a copy of which resolution is hereunto annexed and made a part hereof, and the party of the second part has hereunto caused these presents to be signed by the Mayor or acting Mayor and its corporate seal to be hereunto affixed by the Clerk or acting clerk of the Board of Supervisors of the City and County of San Francisco, in accordance with the resolution adopted by the Board of Supervisors, a copy of which resolution is hereunto annexed and made a part hereof.

PRESIDIO AND FERRIES RAILROAD COMPANY,

(SEAL) By GEO. A. NEWHALL,
President.

By JOHN B. LEIGHTON,
Secretary.

CITY AND COUNTY OF SAN FRANCISCO,
a municipal corporation.

By THOMAS JENNINGS,
Acting Mayor.

Attest:

JOHN W. ROGERS,
(SEAL) Acting Clerk, Board of Supervisors.

"Resolved, that the President and Secretary of the Presidio and Ferries Railroad Company be and they are hereby instructed, directed, empowered and authorized to make and enter into the agreement contained in Resolution No. 10570, New Series, of the Board of Supervisors, approved December 3, 1913, by the Acting Mayor of the City and County of San Francisco, a copy of which resolution is hereby attached hereto and made a part hereof.

This is to certify that at a special meeting of the Board of Directors of the Presidio and Ferries Railroad Company, a corporation, organized, existing and carrying on business under and by virtue of the laws of the State of California, said special meeting having been duly called, noticed and held on the 9th day of December, 1913, and at which meeting all of the Directors of said corporation were present, said Board of Directors duly and regularly adopted the foregoing resolution.

IN WITNESS WHEREOF I have hereunto set my hand and the seal of the Presidio and Ferries Railroad Company, a corporation, on this 9th day of December, 1913, at the offices of said company in the City and County of San Francisco, State of California.

(SEAL) JOHN B. LEIGHTON,
Secretary of the Presidio and Ferries R. R. Co."

The stockholders of the Presidio and Ferries Railroad Company adopted the following:

"We, the undersigned stockholders of the Presidio and Ferries Railroad Company, a corporation, organized and existing under and by virtue of the laws of the State of California, hereby ratify and approve the action of the Board of Directors of said Company expressed in the above resolution authorizing, empowering, directing and instructing the President and Secretary of the Presidio and

Ferries Railroad Company to make and execute the agreement between said Presidio and Ferries Railroad Company and the City and County of San Francisco, a municipal corporation, contained in Resolution No. 10,570, New Series, of the Board of Supervisors of the City and County of San Francisco, approved by the Acting Mayor thereof on the 3rd day of December, 1913, and we do hereby further ratify and approve the execution of said agreement by said President and said Secretary.

And we do severally agree to vote such stock as stands in our names on the books of said corporation at any legal meeting of the stockholders of the said Presidio and Ferries Railroad Company, a corporation, which shall hereafter be legally called, noticed and held for the purpose of approving and ratifying said action by the Board of Directors of said Company in the adoption of the above and foregoing resolution, and also of ratifying and approving the execution of the agreement in Resolution No. 10,570, New Series, as aforesaid."

Edgar M. Wilson, owning 100 shares of said stock;
H. M. A. Miller, owning 100 shares of said stock;
Wm. J. Dutton, owning 315 shares of said stock;
Bernard Faymonville, owning 100 shares of said stock;
E. M. Newhall, owning 194 shares of said stock;
E. W. Newhall, trustee, owning 5,396 shares of said stock;
Geo. A. Newhall, owning 271 shares of said stock;
A. M. Newhall, owning 102 shares of said stock;
John B. Leighton, owning 100 shares of said stock;

Total, 6,678 shares.

At the regular annual meeting of the stockholders of the Presidio and Ferries Railroad Company noticed and held January 23, 1914, the following resolution was unanimously adopted:

"Whereas there has been read to this meeting of stockholders, the agreement of this company with the City and County of San Francisco under date of December 10, 1913, for the sale by this Company of all of its physical and tangible properties used in operating the company's street railroad, which said agreement was approved in writing by the holders of more than two-thirds of this outstanding stock;

Now therefore resolved (the holders of more than two-thirds of the outstanding stock of this company voting in favor thereof) that the execution of said agreement be and the same hereby is in all respects ratified and confirmed.

PRESIDIO AND FERRIES R. R. CO.,
By John B. Leighton, Sec'y."

On December 10, 1913, the Board of Supervisors adopted and the Acting Mayor Thomas Jennings approved Resolution No. 10,383 (New Series) as follows:

"RESOLVED, That the sum of fifty thousand dollars ($50,000) be and the same is hereby set aside, appropriated and authorized to be expended out of the Municipal Railway Fund for the payment of the claim of the Presidio and Ferries Railroad Company on account of the purchase of the properties of said company in accordance with terms of agreement to be made and entered into, by the Mayor, or Acting Mayor, as authorized by Resolution No. 10,750 (New Series) this day adopted. It is understood that said sum of fifty thousand dollars is to be repaid to said Municipal Railway Fund from the proceeds of the sale of Municipal Railway Bonds, Issue 1913.

On the 10th day of December, 1913, the following Bill of Sale was executed by the Presidio and Ferries Railroad Company:

BILL OF SALE.

KNOW ALL MEN BY THESE PRESENTS:

That the Presidio and Ferries Railroad Company, a corporation organized and existing under and by virtue of the laws of the State of California, and having its principal place of business in the City and County of San Francisco, the party of the first part, for and in consideration of the sum of Fifty Thousand ($50,000.00) Dollars and a further sum of not less than Three hundred thousand ($300,000.00) dollars, nor more than Three hundred and sixty thousand ($360,000.00) dollars, which said further sum shall be fixed and determined by two arbitrators, as provided in a certain agreement made and entered into by the Presidio and Ferries Railroad Company, the party of the first part herein, and the City and County of San Francisco, a municipal corporation, the party of the second part, the receipt of which said sum of Fifty thousand ($50,000.00) dollars in gold coin of the United States of America, paid to the said Presidio and Ferries Railroad Company, by the City and County of San Francisco, a municipal corporation, the party of the second part, is hereby acknowledged, does by these presents sell, convey and transfer unto the said party of the second part and its successors and assigns, all the physical or tangible properties belonging to the said party of the first part and used in the conduct of the business carried on, conducted and transacted by the said party of the first part in the operation, carrying on or maintenance of its street railroad system in the City and County of San Francisco.

Said physical properties are more particularly described as follows:

All tracks, poles, wires and structures of every kind or nature in, upon or over the streets of San Francisco, which are used in the present operation of the street railroad by the party of the first part; all cars, and all tracks, tools, materials and appliances which are at present in use in the operation or maintenance of the street railroad by the party of the first part, or are stored in the car barn of the party of the first part at Gough and Filbert Streets in said City and County of San Francisco.

And the said party of the first part, its successors and assigns, covenants and agrees to and with the said party of the second part, its successors and assigns, to warrant and defend the title to the said property, goods and chattels unto the said party of the second part, its successors and assigns, against all and every person or persons whomsoever may claim the same.

In witness whereof, the said party of the first part has hereunto caused its name to be signed and its corporate seal to be affixed hereto by its officers thereunto duly authorized by resolution of its Board of Directors, a copy of which resolution is hereto annexed and made a part hereof, this tenth day of December, 1913.

PRESIDIO AND FERRIES RAILROAD COMPANY,

(SEAL) By GEO. A. NEWHALL,
President.

JOHN B. LEIGHTON,
Secretary.

In accordance with the terms of the Bill of Sale the City and County of San Francisco on the 10th day of December, 1913, at midnight took possession of the physical properties of the Presidio and Ferries Railroad Company and commenced the operation of the railroad system, formerly operated by the said Company, as a part of the municipal street railway system of the City and County of San Francisco. In accordance with the stipulation contained in the agreement between the City and County of San Francisco and the Presidio and Ferries Railroad Company the City Engineer of the City and County of San Francisco acting for and on behalf of the City and County and John H. Miller acting for and on

behalf of the Presidio and Ferries Railroad Company fixed the value of all of the physical or tangible properties belonging to the Presidio and Ferries Railroad Company used in the conduct of its street railway business, at the sum of $312,332.67, and the Board of Supervisors on March 23, 1914, passed and his Honor the Mayor approved Resolution No. 10,748 as follows:

"RESOLVED, That the sum of $262,332.67 be and the same is hereby set aside, appropriated and authorized to be expended out of the Municipal Street Railway Bond Fund, Issue 1913, for payment of balance due on purchase price of properties of the Presidio and Ferries Railroad Company, required for Municipal Railway extensions, the value of said properties having been agreed upon between the City and County and the Presidio and Ferries Railroad Company in sum of $312,332.67, in accordance with the provisions of Resolution No. 10570 (New Series); the sum of $50,000.00 having heretofore been set aside, appropriated and authorized to be expended by Resolution No. 10,583 (New Series) as payment on account of purchase price to be determined. Per report of the City Engineer and recommendation by the Board of Public Works filed March 6th, 1914."

RESOLVED, that the President and Secretary of the Precidio and Ferries Railroad Company be and they are hereby directed, authorized, empowered and instructed to make and execute a bill of sale, free and clear of encumbrances, liens or adverse claims of all of the tangible or physical properties of whatsover kind, nature or character now used or useful by the Presidio and Ferries Railroad Company in the carrying on, operation or maintenance of the street railroad operated by said Presidio and Ferries Railroad Company to the City and County of San Francisco, in accordance with the agreement contained in Resolution No. 10,570, New Series, of the Board of Supervisors of the City and County of San Francisco, and approved by the Acting Mayor of said City and County, on the 3rd day of December, 1913.

This is to certify that at a special meeting of the Board of Directors of the Presidio and Ferries Railroad Company, a corporation, organized, existing and carrying on business under and by virtue of the laws of the State of California, said special meeting having been duly called, noticed and held on the 9th day of December, 1913, and at which meeting all of the Directors of said corporation were present, said Board of Directors duly and regularly adopted the above and foregoing resolution.

IN WITNESS WHEREOF I have hereunto set my hand and the seal of the said Presidio and Ferries Railroad Company, a corporation, on this 9th day of December, 1913, at the offices of said Company in the City and County of San Francisco, State of California.

JOHN B. LEIGHTON,
Secretary of the Presidio and Ferries R. R. Co.

We, the undersigned stockholders of the Presidio and Ferries Railroad Company, do hereby ratify and approve the execution by the Board of Directors of said Presidio and Ferries Railroad Company, a corporation, in the adoption of the above and foregoing resolution authorizing, directing, empowering and instructing the President and Secretary of said Presidio and Ferries Railroad Company to make and execute a bill of sale to the City and County of San Francisco of all of the physical and tangible properties of said Presidio and Ferries Railroad Company, and we do hereby further ratify and approve the execution of said bill of sale by the President and Secretary of the Presidio and Ferries Railroad Company, a corporation, and we do severally agree to vote such stock as stands in our names on the books of said Presidio and Ferries Railroad Company, a corporation, at any legal meeting of the stockholders of the said Presidio and Ferries Railroad Company which shall hereafter be legally called, noticed and held for the purpose

of ratifying said action by the Board of Directors of said Presidio and Ferries Railroad Company in the adoption of the above and foregoing resolution, and we further agree at said meeting to approve and ratify the action of the President and Secretary of the Presidio and Ferries Railroad Company in the making and execution of said bill of sale to said City and County of San Francisco.

Edgar M. Wilson, owning 100 shares of said stock.
Wm. J. Dutton, owning 315 shares of said stock.
Bernard Faymonville, owning 100 shares of said stock.
H. M. A. Miller, owning 100 shares of said stock.
E. W. Newhall, owning 194 shares of said stock.
E. W. Newhall, Trustee, owning 5,396 shares of said stock.
Geo. A. Newhall, owning 271 shares of said stock.
John B. Leighton, owning 100 shares of said stock.
A. M. Newhall, owning 102 shares of said stock.

PRESIDIO AND FERRIES R. R. CO.
Gough and Filbert Streets

San Francisco,, January 24, 1914.

Hon. Board of Supervisors,
City and County of San Francisco.

Dear Sir:

At the regular Annual Meeting of the Stockholders noticed and held January 23, 1914, the following resolution was unanimously adopted:

"WHEREAS there has been read to this meeting of stockholders the Bill of Sale of this Company, dated December 10, 1913, in favor of the City and County of San Francisco, of the physical and tangible properties belonging to this Company, used in the operation of its street railroad system, which said Bill of Sale was approved in writing by the holders of more than two-thirds of the outstanding stock of this Company."

"NOW THEREFORE, RESOLVED the holders of more than two-thirds of the outstanding stock of this Company voting in favor thereof) that the execution of said Bill of Sale be and the same hereby is in all respects ratified and confirmed."

PRESIDIO AND FERRIES R. R. CO.

By JOHN B. LEIGHTON,
Secretary.

The following is an inventory and estimate of the Presidio and Ferries Railroad Company submitted by M. M. O'Shaughnessy, City Engineer, acting on behalf of the City and County of San Francisco and T. C. Mullen, acting on behalf of the Presidio and Ferries Railroad Company.

San Francisco, March 6, 1914.

To the Honorable The Board of Public Works
of the City and County of San Francisco.

Gentlemen:

In accordance with the provisions of the agreement between the City and County of San Francisco and the Presidio and Ferries Railroad Company, we have made an inventory and estimate of the value of the property of the Presidio and Ferries Railroad Company which was taken over by the City and County of San Francisco and made a part of the Municipal Railway System on December 10, 1913.

We find the reproduction cost of the properties taken over to be.....$394,514.82
The depreciation to be..... 77,455.55

Leaving a present value of.....$317,059.27
From this should be deducted the value of properties disposed of to other parties than the City..... 4,726.60

Leaving the balance of properties taken over by the City at.....$312,332.67
Under the terms of the contract the Presidio and Ferries Railroad Company is therefore entitled to a payment equal to the difference between the present value of the properties.....$312,332.67
And the amount already paid to the Presidio and Ferries Railroad Company 50,000.00

Or.....$262,332.67
Together with interest on this sum at 5 per cent from December 10, 1913, until the date of payment of the above sum.

Assuming that this payment will be made on March 17th, there will then be due to the Presidio and Ferries Railroad Company the following:
On account of purchase of properties.....$262,382.67
Interest on the above sum at 5 per cent for 97 days..... 3,483.13

$265,815.80

Respectfully submitted,

(Signed) M. M. O'SHAUGHNESSY,
City Engineer, acting on behalf of the City and County of San Francisco.
and (Signed) T. C. MULLEN,
Acting on behalf of the Presidio and Ferries Railroad Company.

On December 10, 1913, the Supervisors adopted and the Acting Mayor, Thomas Jennings, approved Resolution No. 10,584, New Series, as follows:

RESOLUTION NO. 10584. (New Series.)

RESOLVED, That the Mayor or Acting Mayor and the Clerk or Acting Clerk of the Board of Supervisors be and they are hereby authorized and directed to make and execute in the name of the City and County of San Francisco and for its us and benefit, an indenture of lease to and with the Presidio and Ferries Railroad Company, a municipal corporation, of the real property situate on the southwest corner of Gough and Filbert streets in said City and County, together with the appurtenances thereon, said property having a frontage of two hundred and seventy-five feet on Filbert street and one hundred thirty-seven and one-half feet on Gough street, for the term of one year with an option of two successive years more, said option to be exercised successively by said City and County in periods of one year or less, at a rental of one hundred and fifty dollars per month plus the taxes assessed on said property.

Adopted—Board of Supervisors, San Francisco, December 10, 1913.

Ayes: Supervisors Bancroft, Caglieri, G. E. Gallagher, Giannini, Hayden, Hilmer, Hocks, Jennings, Koshland, Mauzy, McCarthy, Murdock, Murphy, Payot.

Absent: Supervisors A. J. Gallagher, McLeran, Nolan, Vogelsang.

JOHN W. ROGERS Acting Clerk.

Approved, San Francisco, December 10, 1913.

THOMAS JENNINGS,
Acting Mayor.

In accordance with the above resolution the following lease was executed between the City and County of San Francisco and the Presidio and Ferries Railroad Company:

"THIS INDENTURE, made this 13th day of January, 1914, by and between the PRESIDIO AND FERRIES RAILROAD COMPANY, a corporation, organized and existing under and by virtue of the laws of the State of California, and having its principal place of business in the City and County of San Francisco, the party of the first part, and the CITY AND COUNTY OF SAN FRANCISCO, a municipal corporation, the party of the second part:

WITNESSETH: That the said party of the first part does by these presents, demise and lease unto the said party of the second part all that certain lot, piece or parcel of land situate in the City and County of San Francisco, State of California, and more particularly described as follows, to-wit:

COMMENCING at the point of interesection of the sotuherly line of Filbert Street with the westerly line of Gough Street; running thence westerly and along said southerly line of Filbert Street two hundred and seventy-five (275) feet; thence at a right angle southerly one hundred and thirty-seven and one-half (137½) feet; thence at a right angle easterly two hundred and seventy-five (275) feet to the westerly line of Gough street, and thence at right angles northerly one hundred and thirty-seven and one-half (137½) feet to the southerly line of Filbert Street and point of commencement; being a portion of Western Addition Block No. 168.

TOGETHER with the improvements and appurtenances thereon for the term of one year from and after December 11th, 1913, with an option of two successive years more, said option to be exercised successively by the party of the second part in periods of one year or less at a monthly rental or sum of one hundred and fifty (150) dollars, payable on the first day of each and every month of this lease or any extension of the same under the above option, plus the taxes assessed upon said real property and the appurtenances thereon.

And the said party of the second part does hereby covenant, promise and agree to pay the said party of the first part the said rent in the manner herein specified, and in addition thereto hereby covenants, promises and agrees to pay and discharge the taxes assessed upon said real property and the appurtenances thereon during the term specified in this lease or any extension of the same, as hereinbefore provided. And that at the expiration of said term or any extension thereof the said party of the second part will quit and surrender the said premises in as good state and condition as reasonable wear thereof will permit, damages by the elements excepted. And the said party of the first part does hereby covenant, promise and agree that upon the said party of the second part paying the said rent and performing the covenants aforesaid, said party of the second part shall peaceably and quietly have, hold and enjoy the said premises for the term aforesaid or any extension or extensions thereof.

IT IS HEREBY UNDERSTOOD AND AGREED by and between the parties hereto that in the event of the destruction either partial or total of the improvements on the real property hereinabove described by fire, earthquake, flood or other cause that the party of the second part has the right to terminate this lease immediately after the occurrence thereof, and it is further understood and agreed that all repairs to the roof, walls and foundations of the building or buildings now located on the real property hereinabove described shall be made by the said party of the second part during the term of this lease or any extension thereof as hereinabove provided.

IT IS HEREBY UNDERSTOOD AND AGREED that the small building located on the premises aforesaid, and now being used by the party of the first part as a garage, shall be excepted from the operation of this lease and that

the said party of the first part, or Mr. George A. Newhall, may have the use of said small building during the life of this lease or any extension thereof and they, or either of them, shall have ingress or egress to said garage over and through the premises herein demised in the most direct line to the street most accessible to said garage.

IN WITNESS WHEREOF, the said party of the first part has hereunto caused its name to be signed and its corporate seal to be affixed hereto by its officers thereunto duly authorized by resolution of its Board of Directors, a copy of which resolution is hereunto annexed and made a part hereof, and the party of the second part has hereunto caused these presents to be signed by the Mayor or Acting Mayor and its corporate seal to be hereunto affixed by the Clerk or Acting Clerk of the Board of Supervisors of the City and County of San Francisco, in accordance with the resolution adopted by the Board of Supervisors, a copy of which resolution is hereunto annexed and made a part hereof.

PRESIDIO AND FERRIES RAILROAD COMPANY,
By GEO. A. NEWHALL,
President.
By JOHN B. LEIGHTON,
Secretary.

CITY AND COUNTY OF SAN FRANCISCO,
a municipal corporation,
By JAMES ROLPH, Jr.,
Mayor.

ATTEST: J. S. DUNNIGAN,
Clerk Board of Supervisors.

RESOLVED, That the President and Secretary of the Presidio and Ferries Railroad Company are authorized, directed, empowered and instructed to make and enter into a lease with the City and County of San Francisco, a municipal corporation, of the premises and real property belonging to said Presidio and Ferries Railroad Company located on the corner of Gough and Filbert streets in the City and County of San Francisco for the term of one year with an option of two successive years more, said option to be exercised successively by the said City and County of San Francisco at a monthly rental of one hundred and fifty (150) dollars, plus the taxes thereon.

This is to certify that at a special meeting of the Board of Directors of the Presidio and Ferries Railroad Company, a corporation, organized, existing and carrying on business under and by virtue of the laws of the State of California, said special meeting having been duly called, noticed and held on the 9th day of December, 1913, and at which meeting all of the Directors of said corporation were present, said Board of Directors duly and regularly adopted the above and foregoing resolution.

IN WITNESS WHEREOF I have hereunto set my hand and the seal of the said Presidio and Ferries Railroad Company, a corporation, on this 9th day of December, 1913, at the offices of said Company in the City and County of San Francisco, State of California.

JOHN B. LEIGHTON,
Secretary of the Presidio and Ferries Railroad Company.''

We, the undersigned stockholders of the Presidio and Ferries Railroad Company, a corporation, organized and existing under and by virtue of the laws of the State of California, do hereby ratify and approve the action of the Board of Directors of said Presidio and Ferries Railroad Company in the adop-

tion of the above and foregoing resolution authorizing the President and Secretary of said Presidio and Ferries Railroad Company to make and enter into a lease of the real property belonging to said Presidio and Ferries Railroad Company situated at the corner of Gough and Filbert streets in the City and County of San Francisco for a period of one year, with an option of two successive years more, said option to be exercised successively by the said City and County of San Francisco in periods of one year or less, at a monthly rental of One Hundred and Fifty (150) Dollars per month, plus the taxes thereon.

And we do hereby further agree to vote such stock as stands in our names on the books of said Presidio and Ferries Railroad Company at any legal meeting of the stockholders of said Presidio and Ferries Railroad Company which shall hereafter be legally called, noticed and held for the purpose of ratifying and approving said action by the Board of Directors of said Presidio and Ferries Railroad Company in the adoption of said resolution, and we do hereby further agree at such meeting called, as aforesaid, to approve and ratify and confirm the action of the said President and Secretary of the Presidio and Ferries Railroad Company, a corporation, in the making and execution of the lease, as aforesaid.

Edgar M. Wilson, owning 100 shares of said stock;
Wm. J. Dutton, owning 315 shares of said stock;
Bernard Faymonville, owning 100 shares of said stock;
H. M. A. Miller, owning 100 shares of said stock;
E. W. Newhall, owning 194 shares of said stock;
E. W. Newhall, Trustee, owning 5,396 shares of said stock;
Geo. A. Newhall, owning 271 shares of said stock;
A. M. Newhall, owning 102 shares of said stock;
John B. Leighton, owning 100 shares of said stock.

At the regular annual meeting of stockholders of the Presidio and Ferries Railroad Company, noticed and held January 23, 1914, the following Resolution was unanimously adopted:

"Whereas there has been read to this meeting of stockholders the lease made by this Company under date of January 13, 1914, to the City and County of San Francisco of the company's property, being a portion of Western Addition Block No. 168, for the term of one year, approved in writing by the holders of more than two-thirds of its outstanding stock;

NOW THEREFORE RESOLVED (the holders of more than two-thirds of the outstanding stock of that company voting in favor thereof), that the execution of said lease be and the same hereby is in all respects ratified and confirmed.

PRESIDIO AND FERRIES RAILROAD COMPANY,
By JOHN B. LEIGHTON, Secretary."

The agreement between the City and County of San Francisco and the Presidio and Ferries Railroad Company was recorded in the office of the County Recorder of the City and County of San Francisco on December 10, 1913, at 56 minutes past 3 p. m. in Liber 40 of Covenants, at page 243;

The Bill of Sale from the Presidio and Ferries Railroad Company to the City and County of San Francisco was recorded in the office of the County Recorder of the City and County of San Francisco on December 11, 1913, at 41 minutes past 3 p. m. in Liber 59 of Miscellaneous at page 148;

The lease between the Presidio and Ferries Railroad Company and the City and County of San Francisco was recorded in the office of the County Recorder of the City and County of San Francisco on January 13, 1914, at 9 minutes past 2 o'clock p. m. in Liber 52 of Leases at page 241.

SUPREME COURT OF THE UNITED STATES.

ACTIONS DETERMINED IN.

Harry I. Mulcrevy et al. vs. The City and County of S. F. No. 872—October term, 1911. Judgment for defendant.

OPINIONS

Addressed to the various departments and officials of the City and County by Percy V. Long, City Attorney, from July 1, 1913, to June 30, 1914:

ASSESSOR

April 28, 1914—Advising that a so-called "lease contract" for sale on installment plan is a solvent credit.

May 20, 1914—Advising that heirs are liable to double taxation on estate not taxed in hands of executor.

June 5, 1914—Advising that impounded moneys in litigation should be assessed.

AUDITOR

November 7, 1913—Advising that officers and employees cannot rent automobiles to City.

November 21, 1913—Advising that tax-exemption affidavits must be filed before completion of assessment book.

January 8, 1914—Advising that claims for premiums on bonds of Municipal Railroad employees are vaild.

January 20, 1914—Bail money not subject to attachment.

February 10, 1914—Advising that bail money is subject to garnishment if released prior thereto.

June 9, 1914—Advising that Auditor is liable for payment of claim which he knows illegal though regular on its face.

CIVIL SERVICE COMMISSION.

July 21, 1913—Status of Hyer, Carrell and Henzel in Department of Electricity.

July 31, 1913—Civil Service standing of Mr. R. V. Crosky.

July 31, 1913—Civil Service standing of Chas. M. Stoltz.

July 31, 1913—Civil Service standing of E. J. McDevitt.

August 25, 1913—Advising that Commission has power in certain cases to reinstate eligibles of list.

December 24, 1913—Advising that notice of time and place of examinations can only be published in official newspapers.

EDUCATION, BOARD OF

July 22, 1913—Interpreting sections 1818 and 1840 of the Political Code.

March 20, 1914—Advising that substitutes are not liable to salary deduction for pension fund.

ELECTION COMMISSIONERS, BOARD OF

December 23, 1913—Concerning appointment of carpenter.

March 21, 1914—Advising that Board may appoint carpenter.

ELECTRICITY, DEPARTMENT OF

April 18, 1914—Concerning permits for electric wires.

May 8, 1914—Concerning the application of Ordinance No. 2582 to Electric Lighting companies.

May 14, 1914—Advising that Ordinance No. 2582 is not applicable to telephone motor installation.

FIRE COMMISSIONERS, BOARD OF

July 28, 1913—Advising that Ordinance No. 2297 (N. S.) does not apply to Fire Department.

November 28, 1913—Commissioners cannot entertain claim for loss by fire of members of Fire Department.

December 24, 1913—Application of State Motor Vehicle Act to Fire Department.

March 11, 1914—Advising as to status corporation yard employees.

FIRE PENSION FUND COMMISSIONERS, BOARD OF

November 4, 1913—Advising that widow of Patrick Canty not entitled to pension.

HEALTH OFFICER.

February 3, 1914—Interpreting section 15 (a) of the Workmen's Compensation Act.

MAYOR.

July 14, 1913—Advising that denomination of municipal bonds may be changed.

October 22, 1913—Advising that Resolutions Nos. 10465, 10466 and 10467 are faulty in their present form.

November 20, 1913—Advising that neither Supervisors nor Park Commission can grant permit for proposed Amusement Pier.

PARK COMMISSIONERS, BOARD OF

February 20, 1914—Advising that Hamilton Square may be transferred to Playground Commission.

February 20, 1914—Advising that Jefferson Square may be used for electrical station.

PLAYGROUND COMMISSIONERS, BOARD OF.

July 3, 1913—Advising that Playground Commission cannot sell or exchange property.

October 23, 1913—Advising that commission is not liable for damage caused by children while in playground.

May 22, 1914—Advising that commission is not liable to visitor to playground injured by children at play.

POLICE, CHIEF OF.

September 10, 1913—Advising as to right of City Electric Company to put up poles and wires under certain temporary permits.

April 16, 1914—Workmen's Compensation Act does not apply to Police Department.

PUBLIC HEALTH, BOARD OF

July 31, 1913—Advising that eight-hour law for nurses applies to municipal hospitals. Supervisors restricted in expenditures by budget.

September 11, 1913—Advising that Board has no right to condemn structure unfit for particular use.

September 29, 1913—Advising as to constitutionality of proposed ordinance regulating employment of females in Greek and Chop Suey restaurants.

October 3, 1913—Advising that flooring of a building is a structure that may be condemned if insanitary.

November 11, 1913—Advising that requisition must be made for Health Inspectors of Schools to fill that position so long as anyone remains on list, though classification abolished.

November 20, 1913—Advising that meat inspectors may work Saturday afternoon.

December 23, 1913—Advising that employees cannot use their own automobiles and collect transportation from City.

December 24, 1913—Advising that meat inspectors may work on holidays.

April 22, 1914—Concerning liability for repairs to building occupied by Board of Health at 1085 Mission street.

POLICE COMMISSIONERS, BOARD OF

August 15, 1913—Advising that Ordinance No. 777 does not apply to unimproved school or church property.

March 23, 1914—Advising that Ordinance No. 1038 (N. S.) does not apply to unimproved school or church property.

April 9, 1914—Interpreting the word "church" in section 6 of ordinance No. 1038 (N. S.)

April 13, 1914—Advising that pensional officers retired on disability are entitled to reinstatement when disability ceases.

PUBLIC WORKS, BOARD OF.

July 15, 1913—Advising that Hemlock street, between Van Ness avenue and Franklin street, is an open public street.

July 21, 1913—Advising that the liability for extending the Howard-street sewer beyond the seawall falls on the Board of State Harbor Commissioners.

July 23, 1913—Advising that maintenance of tracks on Fifth avenue, between Fulton and Geary streets, was public nuisance, and that if company failed to remove them Board of Works might do so and hold company liable.

August 7, 1913—Advising that Section 197 of the Building Law was declared invalid by the District Court of Appeals and that function of Board of Works in granting building permit for stable is purely ministerial.

August 19, 1913—Advising that Board has power to permit Pacific T. and T. Co. to connect manholes of Bell and automatic systems.

August 22, 1913—Advising that after dismissal former employees cannot be granted vacations.

August 22, 1913—Advising that Silver avenue, between Queseda and Thomas avenues, is an open public street.

October 1, 1913—Advising that certain building permit might be granted to Water Front Realty Co. without jeopardizing City's rights.

October 29, 1913—Advising that Harrison street, between First and Second, may be regraded under Ordinance No. 415 (N. S.).

November 4, 1913—Advising that claim of Westinghouse Electric Mfg. Co. be rejected.

November 19, 1913—Advising that Bluxome street, between First and Japan, streets is open public street.

December 1, 1913—Advising that Emmet place is public place and obstructions may be ordered removed.

January 8, 1914—Advising as to power to construct sewer on Great Highway.

January 23, 1914—Globe theater, advising that permit to make alterations must be granted.

February 5, 1914—Advising as to repair of sidewalks on the Embarcadero.

March 2, 1914—Spur track at Municipal Asphalt Plant. Advising as to agreement to construct.

March 12, 1914—Concerning operation of street opening ordinance in respect to Pacific Gas and Electric Co.

April 1, 1914—Concerning permits for excavating in streets.

April 14, 1914—Board may give preference to articles of local manufacture.

April 16,1914—Advising that employees in Department of Public Works are not entitled to salary during illness.

May 9, 1914—Advising that Santa Rosa avenue, between Alemany and Capistrano avenues, is not an open public street.

June 19, 1914—Concerning liability for medical expenses under Workmen's Compensation Act.

June 24, 1914—Concerning method of assessing different kinds of street work.

RECORDER.

July 1, 1913—Advising that power of attorney must be recorded in spite of a certain telegram purporting to revoke it.

September 11, 1913—Advising that map of Forest Hill Court entitled to be filed; $5 fee whether map on one or more sheets.

January 27, 1914—Advising that Recorder must, on demand, take acknowledgments.

April 14, 1914—Concerning legal requirements of marriage certificates.

June 9, 1914—Advising that contract acknowledged by one party is entitled to be recorded.

SUPERVISORS, BOARD OF

August 13, 1913—Advising as to power of Supervisors to compel cemetery removals.

August 15, 1913—Advising as to sufficiency of resolution putting into effect Mothers' Pension Law.

September 8, 1913—Board may grant franchise to lay pipes for electric wires and insert conditions therein.

September 11, 1913—Resolution for extension of Vulcan street in proper form.

September 26, 1913—Advising that where United Railroads has acquired two franchises on same street, one of which overlaps and extends beyond the other, it cannot claim to operate under both franchises.

September 27, 1913—Advising as to power of Board to compensate families of Patrick Lynch and James Conlon.

October 2, 1913—Advising that Pacific Gas and Electric Co. can be compelled to install service connections with electroliers on Polk and Mason only on payment of 17c rate.

October 6, 1913—Advising as to legality of Ordinance to prohibit dogs in flats.

October 16, 1913—Advising that medical clinic is not a hospital and requires no permit.

November 8, 1913—Destruction of condemned buildings. Only such as are actually nuisances may be destroyed without redress to owner.

November 14, 1913—Advising that "bitulithic" pavement cannot be used on streets unless patent rights transferred to City.

November 15, 1913—Advising that Sealer of Weights and Measures is not subject to Civil Service.

November 19, 1913—Inside Inn, advising that Exposition Co. may maintain hotel.

November 19, 1913—Advising that City may be divided into zones for regulating certain businesses.

November 19, 1913—Advising that so-called preferred runs on Municipal Railroad are within discretion of Superintendent.

November 21, 1913—Advising that while enforcement of Ordinance rates is enjoined companies cannot be prevented from charging their present rates.

November 25, 1913—Advising as to certain cemetery removal plans.

November 29, 1913—Re blasting at Thirtieth and Castro streets; advising as to City's rights.

December 12, 1913—Legality of proposed ordinance requiring permit from Police Commissioners to sell liquor.

December 20, 1913—Advising that rights of donors of proposed municipal opera house could be acquired by eminent domain.

December 29, 1913—Advising as to payment of auto registration fees to State.

December 29, 1913—Advising as to preliminary legal steps for Hetch Hetchy project.

January 14, 1914—In re claim of Peter McHugh; no liability on City.

January 19, 1914—Personal liability cannot be imposed on officers employing assistants without charter authority.

January 19, 1914—Advertising on municipal waste cans; advising that it is illegal.

January 26, 1914—Outlining procedure for extending water mains.

January 28, 1914—Advising that motor bus permits may be required by general ordinance.

February 2, 1914—Advising as to removal of overhead wires in Exposition Grounds.

February 4, 1914—Advising that single ordinance for all licenses would be legal.

February 4, 1914—Advising that permit cannot be granted for garage in hotel building.

February 14, 1914—Advertisements for proposals for prison supplies; advising as to power of Board.

February 16, 1914—Advising as to various damages on Main street due to change of grade.

February 17, 1914—Advising as to advertising in Municipal Cars.

March 5, 1914—Advising as to legality proposed Laundry Ordinance.

March 12, 1914—Advising that forfeited bail cannot be refunded.

March 13, 1914—Concerning proposed ordinance regulating public hauling.

March 14, 1914—Closing portion of Eighteenth street; concerning legality.

March 24, 1914—Concerning proposed ordinance regulating closing time of pawn shops, etc.

March 25, 1914—Advising that public garages may not be constructed within 200 feet of any entrance to a church or school.

April 20, 1914—Concerning return of forfeited bail.

April 27, 1914—Concerning appropriation for Tourists' Association purposes.

April 27, 1914—Advising that claim of Otto Schultz for personal injuries on Geary Road be disallowed.

April 27, 1914—Concerning proposed ordinance prohibiting Anatomical Museums.

May 4, 1914—Advising that bond money may be used for sinking test wells for integral part Hetch Hetchy system.

May 15, 1914—Concerning payment of City's share Stockton-street tunnel assessment.

May 18, 1914—Advising City may pave San Bruno avenue, between Silliman and Felton streets.

May 19, 1914—Advising that new positions cannot be created by budget appropriations.

May 20, 1914—Advising that public property cannot be exchanged.

May 26, 1914—Concerning proceedings necessary to bring Great Highway under control of Board of Public Works.

June 8, 1914—Concerning liability for injury to street sweeper.

June 9, 1914—Concerning regulation of steam heating business.

June 10, 1914—Concerning lighting contract.

June 11, 1914—Advising that City Hospital cannot be located outside City limits.

June 30, 1914—Concerning location of Tuberculosis Hospital.

June 30, 1914—Concerning refund of penalty on delinquent taxes.

June 30, 1914—Advising that if parking station is public garage it must comply with ordinance requirements for garages.

TAX COLLECTOR.

November 1, 1913—Date of delinquency of first installment of taxes.

January 20, 1914—Tax Collector to interpret Ordinance No. 754.

January 28, 1914—Ordinance 1677 vaild.

February 4, 1014—Interpreting Ordinance No. 1619.

February 5, 1914—Advising that restaurants are not liable for amusement license.

February 6, 1014—Advising that draying firms are not contemplated by Ordinance No. 942.

February 14, 1014—Interpreting definition of Tenement House Act.

March 8, 1914—Advising that Y. M. C. A. Cafeteria is subject to license tax.

June 4, 1914—Distinguishing merchandise broker and commission merchant.

TREASURER.

September 6, 1913—Advising as to manner of payment of demand of Grand Jury expert.

RECAPITULATION—ACTIONS PENDING IN.

U. S. Supreme Court	1
U. S. District Court, Ninth Judicial Circuit, Second Division	20
Supreme Court of California	16
Superior Court (exclusive of McEnerney actions and actions to quiet title in lieu of City deed)	300
Superior Court—Tuolumne County	2
Total	339
Justices' Court	4
Total of Actions Pending	343

ACTIONS DETERMINED IN.

U. S. Supreme Court		1
In favor of City or its officers	1	
Against City or its officers	0	
U. S. District Court, Ninth Judicial Circuit, Second Division		2
In favor of City or its officers	2	
Against City or its officers	0	
Supreme Court of California		7
In favor of City or its officers	3	
Against City or its officers	4	
District Court of Appeal of California		4
In favor of City of its officers	4	
Against City or its officers	0	
Superior Court (exclusive of McEnerney action and actions to quiet title in lieu of City deed)		73
In favor of City or its officers	45	
Against City or its officers	28	
Superior Court—San Joaquin County		1
In favor of City or its officers	1	
Against City or its officers	0	
Justices' Court		1
In favor of City or its officers	1	
Against City or its officers	0	

TOTAL OF ACTIONS DETERMINED.

In favor of City or its officers	57
Against City or its officers (exclusive of actions to quiet title in lieu of City deed, in which City has no interest)	32
Total of Actions Determined	89
Number of opinions rendered	142

Respectfully,

PERCY V. LONG.

Electricity Department

The Department of Electricity is charged with the following:

The electrical inspection of old and new buildings and the supervision of overhead electrical construction.

The collection of fees for electrical inspection.

The operation, maintenance and extension of the fire alarm and police signal systems of the city.

The manufacture of such equipment as is necessary to properly maintain and extend the fire alarm and police signal systems.

FINANCIAL STATEMENT.

Appropriation.		Expenditure.	Surplus.
$73,146.00	Salaries	$72,614.75	$531.25
15,000.00	Extensions and Equipment	14,774.70	225.30
15,000.00	Reconstruction	14,415.17	584.83

INSPECTION BUREAU.

The work accomplished by the inspection bureau during 1913-1914 greatly exceeded that of any previous year, as is evidenced by the diagram on page No. 5.

If the number of inspections increases at a corresponding rate during the fiscal year 1914-1915, the business of the bureau will have increased to approximately 25,400 inspections. This is an increase of about 24%. It is evident that, with an increase in the inspection force of only 20% at the beginning of the present fiscal year, the department will have some difficulty in handling the large volume of business. There were on file in the department on July 1, 1914, 2361 applications for electrical installations. With 185 registered contractors doing business with the department, the number of applications continuously on file should be approximately fifteen hundred. The surplus applications are, for the most part, of very long standing, and final inspection has never been requested on them. This is due to carelessness on the part of certain electrical contractors involved. Steps are being taken to hasten the completion and final inspection of these old jobs.

The city is divided into five inspection districts. One inspector is assigned to each district, and the sixth inspector assists in final inspections in any district that may become crowded with work. Street cars are used for transportation, except in that portion of the city embracing the Richmond and Sunset districts, where a Ford car is used. An additional Ford car could be used to advantage in the district from Twenty-sixth street south to the county line, where transportation facilities are poor.

In addition to the regular inspection of wiring in new buildings and other pieces of work which are regularly reported on to the department by reputable contractors there are hundreds of jobs done annually by unauthorized persons. These include dwellings, stores, theaters, moving-picture houses; in fact, all classes of building, and are in direct violation of Ordinance No. 2582. They are, for the most part, installed in an unworkmanlike and hazardous manner. At the present time there is no method of detecting these jobs, except when same are reported to us by interested parties, or when our inspectors accidentally stumble across them.

There is a very urgent need for an additional inspector to be used solely on reinspection work. A systematic prosecution of all violations of the electrical ordinance will largely tend to stamp out this sort of thing. Photographs on pages 6 and 7 are typical of wiring conditions existing in Chinatown, and are no worse than those in many other parts of the city .

The department is doing all possible to correct these defective conditions, and is meeting with success wherever the work is carried on, but the scope is necessarily limited because of the lack of men, and so far has practically been confined to the Chinatown district.

Concerning the theaters and moving-picture houses, because of the great life and fire risk, a regular reinspection of these should be maintained, and a card system kept in the office giving detailed information on the conditions found.

Additional men will be required in the inspection department for the fiscal year 1915-1916. This department is at the present time more than self-supporting, and it is not unreasonable to assume that the revenue to be derived from the extra men will more than compensate for their salary allowances.

A regular inspection of overhead construction has been maintained throughout the year. Conditions which are faulty and dangerous are regularly reported to the offending companies, and a reinspection made when the defects have been corrected.

INTERIOR INSPECTION.

Applications on file June 30, 1913 (corrected)	2,361
Applications received	7,557
	9,918
Installations approved	7,654
Applications on file June 30, 1914	2,264
Inspections made during year	20,609
Installations found defective	4,619
Installations disconnected from service	41
Non-record installations detected	1,506

DOCUMENTS ISSUED.

Contractors' licenses	163
Complaints on defective wiring	4,619
Certificates of approval	6,638
Electric sign permits	300
Housemovers' permits	19
Receipts for fees	2,195

MONEYS RECEIVED.

Fees for wire inspection, Ordinance No. 2582	$12,165.28
Fees for electric sign permits, Ordinance No. 1009	559.75
Fees for fire tapper service, Ordinance No. 698	792.55
Total	$13,517.58
Housemovers' deposits, Ordinance No. 1026	450.00
Housemovers' refundment	307.30

OPERATION OF FIRE ALARM SYSTEM.

In the operation of the fire alarm system business has increased greatly over the fiscal year 1912-1913, as is evidenced by the following figures:

Box alarms, 1912-1913	1,110
Box alarms, 1913-1914	1,298

Increase, 188—16.94%.

Total number of alarms, 1912-1913	2,233
Total number of alarms, 1913-1914	2,583

Increase, 350—15.67%.

Total number of joker calls, 1912-1913	11,230
Total number of joker calls, 1913-1914	13,200

Increase, 1,970—17.55%.

At the present time the department has seven operators and one chief operator. The work is extremely important and very trying, and, inasmuch as the operators are called upon to work on Sundays and holidays, the Joint Board of Commissioners saw fit to grant them one day off in five. This is actually less time off than other city employes are granted, taking into consideration Sunday, the half holiday on Saturday and all other holidays. In addition, they are compelled to swing around the watches and change their mode of living every two weeks. In order that one day in five be realized by the men, it is necessary for the chief operator to stand watch along with the other operators. This means that he is compelled to assume the duties of operator in addition to keeping up the records of the fire alarm office, compiling the data for the monthly reports, and exercising supervision over the operating room. During the operators' vacation period, which has a duration of four months, the men are able to get off only one day in seven, and, in order to prevent a change of watch every three or four days, it is necessary for the chief operator to swing around the watches with the other operators. The addition of one more operator to the force for the fiscal year of 1915-16 is strongly recommended. This will permit the chief operator to give his entire time to the supervision of the fire alarm office and the upkeep of the records of the department.

NUMBER OF ALARMS BY MONTHS.

1913.						1914.					
July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
332	275	244	225	131	205	141	125	165	200	203	337

Total, 2,583.

SUMMARY OF ALARMS OF FIRE TRANSMITTED DURING FISCAL YEAR 1913-1914.

First alarms	1,233
Second alarms	53
Third alarms	11
Fourth alarms	1
Direct alarms	1,285
Total number of alarms	2,583

Total number of police signals received at all stations, 57,278.

CONSTRUCTION AND MAINTENANCE—FIRE ALARM AND POLICE SIGNAL SYSTEMS.

General:

The fire alarm system of the department consists of a central manual office with four distinct circuit systems, viz.:

"Signal" circuits, on which are connected in series all street fire alarm boxes;

"Tapper" circuits, on which are connected in series all fire department stations, police stations and the quarters of fire department officers;

"Joker" circuits, on which are connected in series all fire department stations;

"Outside Local" circuits, each of which consists of a local circuit from a department station, connecting in series into the homes of the firemen living in the vicinity of that station, and used to signal alarms in their houses. Each of these circuits has a local battery in the fire house and is operated by a relay in the tapper circuit.

All of the above mentioned circuits, with the exception of the signal circuits, are open circuits.

All signals from street boxes are received in the central office on sounders and registers. The speed of street boxes is four blows per second.

All signals from office to fire department stations are struck by hand on a master key, which operates all tapper or joker circuits simultaneously by means of multiple contact relays.

Box signals are repeated four rounds between box and office; are counted two rounds by the operators; checked; and then struck out to the fire department by hand two rounds on the tappers, followed by two rounds on the jokers.

Signals are received by ear only (operators do not refer to the registers except in case of confused signals), and are sent out to the fire department at a speed of two blows per second on both tapper and joker circuits.

All tapper and joker circuits are open circuits connected at the instant of each blow, in multiple to a 240-volt source of direct current, usually the commercial power circuit. When a line is grounded the ungrounded current from a motor generator is used instead of the commercial circuit.

Tests are made on each line every half hour for "open" or "ground," and test switches are installed in each fire house to open, close or ground either side of the line on instruction from the operator. By this means lines in trouble may be kept working until linemen make repairs. It is usual to close open lines by engine house grounds put on in this manner.

Street boxes are uniformly in good order. Each box is inspected and turned in for test once each month. If found defective in the slightest degree it is removed to the shop for repairs and a relief box is substituted. Boxes sent to the shop are entirely overhauled, and, when reinstalled, are in excellent condition.

Upon the installation of the new central fire alarm office, tapper and joker lines will be changed to closed circuit, which will increase efficiency in detecting line trouble, as all lines will then be under constant test.

A third circuit system, using telegraphic signals only, should be installed as soon as funds allow. This would permit the existing circuits to be used for box signals on bells in the fire houses while joker or "report" calls would be sent as silent calls to each house. At present joker calls operate one of the bells in each fire house in the same manner that an alarm would. This arrangement is not satisfactory.

Overhead Plant:

The overhead plant constitutes by far the most important division of the fire alarm system, and as such should be in as nearly perfect condition as it is possible to bring it. No machine is stronger than its weakest link, and, with the completion of the new fire alarm central station and the continuous extension of the under-

ground system, the overhead system is undoubtedly the weakest portion of the fire alarm plant.

The chief reason for this is the lack of a sufficient annual appropriation to carry the work of extension and improvement forward at the proper rate. Much of the present overhead plant was installed before the fire of 1906 and a large part of it immediately afterward.

Iron wire, No. 9 gauge, was used for overhead circuits up till about twelve years ago. Then the iron wire was superseded by No. 14 copper, and, in all the construction work immediately after the fire, No. 14 iron wire was used as a matter of economy. The standard construction of today is No. 12 B. & S. gauge copper wire with triple braid weatherproof covering.

Due to these changes, many of our circuits today are made up partially of iron wire and partially of copper wire. The iron wire is of very much lower conductivity than the copper; is very susceptible to the corrosive action of the weather; and, at all points where a joint is made with a copper wire, a heavy corrosive action takes place which increases the resistance of the joint, and ultimately results in the wires breaking apart.

The maximum efficiency of our overhead system will only be realized when all circuits are copper throughout. Taking into consideration the old copper wire which will have to be replaced shortly this will entail the stringing and connecting up of probably one hundred miles of wire. Many of our signal lines are heavily overloaded, as data given on later pages will indicate. The best practice dictates that not more than twenty fire alarm boxes should be connected on a single circuit, while some of our lines have as many as forty. Approximately eight new circuits or about one hundred miles of line construction will be required to give relief to the overloaded circuits. New boxes, which will run about fifty a year, will make necessary the installation of three new circuits a year, or about thirty-five miles of line construction.

The same condition of overloading exists on the tapper and joker circuits. New stations are being cut in each year, but no new circuits have been installed since 1909, with the exception of one tapper and one joker line during the fiscal year 1913-1914. Means should be provided to increase these circuits to twelve each. This would involve the stringing of about 125 miles of wire.

The police signal system is badly in need of extensions and improvements. The Central Police district alone has a thoroughly up-to-date system. The Park, Richmond, Ingleside and Bay View districts have fair systems, but there is still room for considerable improvement. The Mission district has an obsolete series system which should be abandoned and entirely rebuilt. The North End, Bush-street, Harbor, Southern and Potrero districts have no systems whatever. Telephones, installed in wooden boxes, are used to transmit all calls. The Mission, North End, Bush-street, Harbor, Southern and Potrero districts should have relief, but the department is unable to give any through lack of a specific appropriation for the purpose. Estimates have been made each year for the annual budget, but without result.

The annual appropriation for maintenance, extensions and equipment is entirely inadequate and should be very materially increased if the overhead fire alarm system and police signal and telephone systems are to be rehabilitated.

Accurate records should be kept of all outside lines of every description. At the present time an accurate routing record is kept of every signal, tapper and joker circuit, but this should be supplemented by map records. The latter are an absolute necessity in laying out extensions and improvements intelligently. The services of a draughtsman for the department are strongly recommended.

Underground Plant:

The underground system has been developed as rapidly as funds would permit, and is rapidly becoming an important part of our outside plant. There are now

working on underground circuits ninety-eight fire alarm boxes and twenty-five police boxes, as against thirty-six fire alarm boxes and no police boxes two years ago.

The importance of placing as much of the system as possible underground is made evident by a comparison of the pieces of trouble experienced on the underground and overhead systems, respectively.

During the fiscal year 1913-1914 there were four cases of underground cable trouble and 406 cases of overhead line trouble. Continuity of service is the prime factor in fire alarm work and the above figures clearly show the reliability of an underground system as compared to an overhead.

Underground construction has been handicapped to a certain extent by the failure of the Board of Electricity to decide on a satisfactory underground standard. Temporary wooden standards have been installed only where necessary. Now that the standard question has been definitely settled, the wooden posts will be removed and replaced by the new iron standards. Lateral cables to all standards provide wires for police winker signals, and it is hoped that this system can be put in operation at an early date. A sketch of the new standard is given on page 39.

The present underground system has been laid out with the transfer to the Jefferson Square station in mind, and all changes in connection with the cut-over will be made by means of underground cables.

The Department of Electricity cables are carried in the duct lines of the Pacific Telephone and Telegraph Company, which company spends large sums of money annually in making electrolytic surveys of its cables, and our cables are taken care of along with its own.

Following is a record of the construction and maintenance work accomplished during the fiscal year 1913-1914:

25 new fire alarm boxes were installed;
15 new police signal boxes were installed;
7315 tests were made on fire alarm boxes in service;
406 pieces of line trouble were removed;
4 pieces of cable trouble were removed;
3132 miscellaneous complaints were attended to;
131 outside local bells were installed;
83 out side local bells were transferred to new locations;
103 outside local bells were removed;
6 new signal lines were put in service;
1 new tapper line was put in service;
1 new joker line was put in service;

On account of work being done on the Stockton-street tunnel it was necessary to string a fifty-pair cable overhead on Bush street across Stockton street; also to lay a twenty-conductor cable across lots east of Stockton, from Bush to Sutter. Street work at Bush and Stockton having been restored, the underground cable was replaced in the ducts and the overhead cable removed. The additional temporary cable east of Stockton street will soon be removed.

Lines were built from Ashbury tank to Twin Peaks reservoir for tapper and call bell services.

Tapper service was extended into the quarters of Engine Company No. 46, temporarily in service at the Panama-Pacific Exposition. Nos. 11 and 12 signal circuits were also extended to these quarters, and so arranged that boxes pulled on the exposition local circuit would repeat into either of these lines. Nine "Star" boxes were installed by the Exposition Company to provide this protection. Later the Exposition Company built two wires from Chestnut and Franklin streets to the department terminal at Bush and Gough, and these boxes were connected directly into a circuit on the department's operating board known as No. 29 signal line. This circuit will be used to cross-connect the office of the department with

the Exposition Company's fire alarm central station when the latter is in service, and will enable said company to call city fire apparatus if needed.

One new tapper and one joker line were installed. Part of these lines are new and part are cut out of existing lines. There are now thirteen stations on the tapper line and ten on the joker line. Old circuits Nos. 4 and 5 were relieved of this number of stations and improved to that extent. There are now seven tapper and seven joker circuits in service.

The four underground signal circuits were rearranged into six circuits, having a total of sixty-five boxes, and four new overhead circuits were arranged, having, respectively, thirteen, nine, eleven and ten boxes.

There were in service at the end of the fiscal year twenty-nine signal circuits operating at from thirty to seventy volts and taking 0.1 ampere for underground and .065 ampere for overhead circuits. Three additional signal circuits were practically completed during the fiscal year 1913-1914, but were not put in service by June 30, 1914.

In installing signal lines, an elaborate system of interlacing is followed out as much as possible so that no two adjacent boxes are on the same circuit. This tends to prevent two boxes on the same line being pulled for a fire at the same time, and, in case of an open circuit on one line, leaves other boxes in the vicinity operative.

All wires in the Chinatown district were removed on account of the requirements of Ordinance No. 214 as amended. This included Stockton from Bush to Green; Grant avenue from Bush to Vallejo; Kearny from Market to Broadway; Columbus avenue from Kearny to Union; and all cross streets within this area. A complete cable system was installed to permanently serve this district and extensive overhead changes were necessary as a number of circuits traversed these streets.

Overhead wires were removed from Polk street between Pacific and Lombard streets to comply with the provisions of Ordinance No. 214 as amended.

Additional storage battery facilities were provided so that at all times there is storage capacity sufficient to run the office seventy-two hours after the failure of the source of current.

The entire wiring in the fire alarm office has been standardized on a 240-volt basis so that any of the following sources of supply may be used, viz., direct current from public utility corporation, alternating current from same through motor generator set or direct current from gas-engine plant.

The office now has greater reserve in storage battery than ever before, and, with the gas-engine plant which can be set up in the course of a few hours, is safe from interruption due to current failure.

The fire alarm central station at 55 Fulton street is of temporary construction and was built shortly after the fire of 1906 to serve until an appropriation could be obtained for building a more modern station. Each year it has been extended to take care of the needs of a growing system but very little money has been expended in improving and changing undesirable features because the question of a new central station has been actively before the city for some time, and each year was believed to be the last year of service of the old station.

The apparatus for the new central fire alarm station in Jefferson Square is now being manufactured in the department's shop. On completion of the new station, the present one will be abandoned and the building wrecked.

JAMES M. BARRY, Chief.

Fire Commissioners' Report

San Francisco, July 1, 1914.

Hon James Rolph, Jr.,
Mayor of the City and County of San Francisco.

Dear Sir:—In compliance with the provisions of Section 9, Article XVI, of the Charter of the City and County of San Francisco, the Board of Fire Commissioners of said City and County do hereby respectfully submit and present its annual report of the Fire Department for the fiscal year ending June 30, 1914, containing a statement of the expenditures of the Department and a report of the Chief Engineer as to the condition, etc., thereof:

ORGANIZATION.

The department, as it is now constituted, consists of a Board of Fire Commissioners of four members, a Secretary, a Chief Engineer, one First Assistant Chief Engineer, one Second Assistant Chief Engineer, eleven Battalion Chiefs, forty-six engine companies, twelve hook-and-ladder companies, thirteen chemical companies, two water tower companies, three monitor batteries, two fire boat companies, two relief engine companies, and employes of the corporation yard repair shops, department stables and auxiliary high pressure water system, numbering in all 888 men, of which 794 constitute the uniform force.

BOARD OF FIRE COMMISSIONERS.

ANDREW J. MARTIN.....Term expires, January 8, 1918
CHARLES T. SPADER.....Term expires, January 8, 1917
HENRY U. BRANDENSTEIN .....Term expires, January 8, 1916
JAMES E. DILLON.....Term expires, January 8, 1915

FRANK T. KENNEDY.....Secretary.

DETAILS OF ORGANIZATION.

(Salaries provided by Charter or by Ordinance.)

No.		Salary Per Annum.
4	Commissioners, each	$1,200
1	Secretary	2,400
1	Chief Engineer	5,000
1	First Assistant Chief Engineer	3,600
1	Second Assistant Chief Engineer	3,000
11	Battalion Chiefs, each	2,700
14	Chiefs' Operators, each	1,500
46	Captains of Engine Companies, each	1,860
46	Lieutenants of Engine Companies, each	1,710
46	Engineers of Engine Companies, each	1,680
46	Drivers of Engine Companies, each	1,440
46	Stokers of Engine Companies, each	1,440
276	Hosemen of Engine Companies, each	1,440
2	Captains of Relief Engine Companies, each	1,860
3	Hosemen of Relief Engine Companies, each	1,440
12	Captains of Hook-and-Ladder Companies, each	1,860
12	Lieutenants of Hook-and-Ladder Companies, each	1,710
12	Drivers of Hook-and-Ladder Companies, each	1,440
12	Tillermen of Hook-and-Ladder Companies, each	1,440
96	Truckmen of Hook-and-Ladder Companies, each	1,440
13	Captains of Chemical Companies, each	1,860
13	Lieutenants of Chemical Companies, each	1,710
13	Drivers of Chemical Companies, each	1,440
13	Hosemen of Chemical Companies, each	1,440
2	Captains of Water Tower Companies, each	1,860
2	Lieutenants of Water Tower Companies, each	1,710
2	Drivers of Water Tower Companies, each	1,440
2	Hosemen of Water Tower Companies, each	1,440
3	Drivers of Monitor Batteries, each	1,440
2	Captains of Fire Boat Companies, each	1,860

DETAILS OF ORGANIZATION—Continued

No.		Salary Per Annum.
2	Lieutenants of Fire Boat Companies, each	1,710
4	Pilots of Fire Boat Companies, each	2,100
4	Engineers of Fire Boat Companies, each	2,100
6	Marine Firemen of Fire Boat Companies, each	1,200
24	Hosemen of Fire Boat Companies, each	1,440
4	Engineers of Relief Fire Boat Companies, each	2,100
2	Marine Firemen of Relief Fire Boat Companies, each	1,200
1	Superintendent of Engines	2,700
1	Clerk and Commissary	1,800
7	Hydrantmen, each	1,200
8	Hostlers, each	1,200
3	Draymen, each	1,200
1	Superintendent of Horses	1,860
5	Watchmen, each	1,200
1	Physician and Surgeon	1,800
1	Stenographer-Typewriter	1,800
4	Horseshoers, each, per diem	5
2	Chief Engineers, High Pressure Water System Pumping Stations, each	2,100
4	Assistant Engineers, High Pressure Water System Pumping Stations, each	1,500
6	Stationary Firemen of High Pressure Water System Pumping Stations, each	1,200
1	Superintendent of High Pressure Distributing System	2,400
1	Foreman Gateman, High Pressure Water System	1,500
5	Gatemen, High Pressure Water System, each	1,200
1	Keeper Twin Peaks Reservoir	1,440
3	Laborers Distributing System, each, per diem	3
1	Caulker, Distributing System, per diem	4

Under the provisions of the Charter, drivers, stokers, tillermen, hosemen and truckmen receive $1,200 per annum for the first year of service, $1,320 for the second year thereof and $1,440 for the third year and thereafter.

APPROPRIATIONS AND EXPENDITURES.

Appropriation for fiscal year 1913-1914	$ 1,603,038.00	
Carried over from fiscal year 1912-1913	6,498.00	
Total Appropriation available		$ 1,609,536.00

EXPENDITURES.

Salaries—			
Corporation Yard	$ 47,346.00		
Distributing System	12,058.40		
Harness Shop	5,212.75		
Horseshoers	6,150.00		
Hydrantmen	8,400.00		
Office	10,800.00		
Paint Shop	5,775.90		
Pumping Stations	12,938.35		
Department Stables	12,633.35		
Uniform Force	1,196,356.55	$ 1,317,971.30	
Material, Supplies and Maintenance—			
Apparatus	$ 1,983.00		
Forage	52,129.25		
Fuel	21,002.69		
Fuel (gas)	8,225.85		
Furniture	1,015.99		
Garbage Removal	2,376.00		
Harness and Repairs	1,537.93		
Horses	3,485.00		
Horseshoeing	5,600.35		
Hose	27,265.44		
Hydrants	6,215.61		
Material	24,841.19		
Office	607.27		
Paint Shop	346.08		
Rent	1,620.00		
Stables	475.67		
Supplies	15,322.03		
Water	15,154.88	189,204.23	
Total Expenditures			$ 1,507,175.53
			$ 102,360.47
Amount carried forward in apparatus account to fiscal year 1914-1915			77,249.56
Surplus remaining			$ 25,110.91

Chief Engineer's Report

Headquarters Fire Department,
San Francisco, July 1, 1914.

To the Honorable,
The Board of Fire Commissioners.

Gentlemen:—I respectfully beg leave to submit my annual report for the fiscal year ending June 30, 1914, together with such recommendations, etc., as in my judgment I deem necessary and proper to promote the efficiency of the department.

FIRES.

During the past year the department responded to 1,298 alarms of fire received from street and automatic fire alarm stations, of which number 1,233 were single alarms, fifty-three second alarms, eleven third alarms, and one fourth alarm. The department also responded to 1,285 direct and still alarms during the year, which were received by telephone and otherwise, making a total of 2,585 alarms of fire responded to, which is an increase of 350 alarms of those of the previous fiscal year.

On January 1, 1914, a new system of fire statistics was established in the department, showing the style of construction of buildings in which fires occurred, the extent to which the fire spread in such buildings and the method used in extinguishing the same. Following is a statement of the same for the last six months of the present fiscal year ending June 30, 1914.

During the past six months 473 fires occurred in frame buildings, 116 in buildings constructed of brick or stone, and 274 fires occurred in other places than buildings. Of these, 534 were confined to the floor of building on which they originated, 38 extended beyond the floor in which they originated, and 17 extended beyond the building of origin. Of the above fires 268 were extinguished by means of chemical appliances only, 247 by means of the low pressure water system only, 13 by means of the high and low pressure water systems and 335 fires were extinguished by various other methods.

LOSSES BY FIRE, INSURANCE AND AMOUNT PAID

1913.	Loss.	Insurance.	Insurance Paid.
July	$ 46,401.41	$ 326,050.00	$ 36,861.85
August	102,500.49	362,321.74	57,927.40
September	116,531.29	316,102.98	47,276.55
October	122,849.90	824,020.20	68,353.26
November	33,805.91	308,900.00	30,854.86
December	144,240.85	1,058,736.40	135,568.25
1914.			
January	156,103.82	2,873,625.00	147,287.38
February	23,662.21	249,426.00	19,884.33
March	55,023.29	388,278.32	46,177.09
April	46,728.51	445,519.23	37,569.47
May	109,200.34	767,902.67	89,128.85
June	167,130.13	1,157,569.05	66,165.68
Totals	$1,124,178.15	$9,078,451.59	$782,854.97

STATEMENT OF THE KIND OF APPARATUS, CLASS, NUMBER OF MEN EACH COMPANY FOR THE FISCAL

COMPANY AND KIND OF APPARATUS.	Size of Apparatus	Number of Men in Company	Number of Horses in Company
Engine Co. No. 1—Clapp & Jones, double	First	11	5
Engine Co. No. 2—Metropolitan, double	Second	11	5
Engine Co. No. 3—Clapp & Jones, double	Second	11	5
Engine Co. No. 4—La France, double	First	11	5
Engine Co. No. 5—La France, double	Second	11	5
Engine Co. No. 6—American, double	First	11	5
Engine Co. No. 7—Clapp & Jones, double	Second	11	5
Engine Co. No. 8—La France, double	Second	11	5
Engine Co. No. 9—La France, double	First	11	5
Engine Co. No. 10—American, double, with (Comb. Chem. and Hose Wagon)	Second	11	3
Engine Co. No. 11—Amoskeag, double	Second	11	5
Engine Co. No. 12—La France, double	First	11	5
Engine Co. No. 13—La France, double	Second	11	5
Engine Co. No. 14—Clapp & Jones, double	Second	11	5
Engine Co. No. 15—Clapp & Jones, double	Third	11	5
Engine Co. No. 16—La France, double	Second	11	5
Engine Co. No. 17—American, double	First	11	5
Engine Co. No. 18—Metropolitan, double	Third	11	5
Engine Co. No. 19—American, double	Second	11	5
Engine Co. No. 20—Clapp & Jones, double	Second	11	5
Engine Co. No. 21—American, double	Third	11	5
Engine Co. No. 22—La France, double, with (Comb. Chem. and Hose Wagon)	Fourth	11	3
Engine Co. No. 23—Metropolitan, double, with (Comb. Chem. and Hose Wagon)	Third	11	3
Engine Co. No. 24—La France, double	Fourth	11	5
Engine Co. No. 25—Clapp & Jones, double	Second	11	5
Engine Co. No. 26—Amoskeag, double	Fourth	11	5
Engine Co. No. 27—Clapp & Jones, double	Second	11	5
Engine Co. No. 28—Clapp & Jones, with Tract. and Com. Chem. and Hose Wagon	First	11	0
Engine Co. No. 29—Metropolitan, double	Second	11	5
Engine Co. No. 30—La France, double	Third	11	5
Engine Co. No. 31—Metropolitan, double	Third	11	5
Engine Co. No. 32—Amoskeag, double	Second	11	5
Engine Co. No. 33—La France, double	Fourth	11	5
Engine Co. No. 34—Continental, double	Second	11	5
Engine Co. No. 35—American, double	First	11	5
Engine Co. No. 36—Clapp & Jones, double	Third	11	5
Engine Co. No. 37—La France, double	Third	11	5
Engine Co. No. 38—Amoskeag, single	Fourth	11	5
Engine Co. No. 39—Metropolitan, double	Third	11	5
Engine Co. No. 40—Clapp & Jones, double	Third	11	5
Engine Co. No. 41—Ahrens, double	Third	11	5
Engine Co. No. 42—La France, double	Third	11	5
Engine Co. No. 43—La France, double	Third	11	5
Engine Co. No. 44—La France, double	Third	11	5
Engine Co. No. 45—La France, double	Fourth	11	5
Engine Co. No. 46—High Pres. Hose Wagon and 1 small Hose Wagon (Fair Grounds)		11	0
Truck Co. No. 1—American La France, Motor Driven	First	12	0
Truck Co. No. 2—Hayes, straight frame	First	12	3
Truck Co. No. 3—Hayes, straight frame	First	12	3
Truck Co. No. 4—Seagrave, Motor Driven	First	12	0
Truck Co. No. 5—Ramsey, trussed	First	12	3

AND HORSES, ALARMS RESPONDED TO AND DUTY PERFORMED BY YEAR ENDING JUNE 30, 1914.

HOSE.		Number of Bell Alarms Responded to	Number of Fires Performed Duty at	Number of Still Alarms Responded to	Time Worked	
Kind.	Number of Feet and Size				Hours	Minutes
Cotton	1,500 feet, 2¾ inches; 200 feet, 1½ inches	100	28	13	28	56
Cotton	1,500 feet, 2¾ inches; 400 feet, 1½ inches	132	32	9	40	48
Cotton	1,500 feet, 2¾ inches; 400 feet, 1½ inches	102	22	5	30	50
Cotton	1,500 feet, 2¾ inches; 200 feet, 1½ inches	143	34	0	77	23
Cotton	1,500 feet, 2¾ inches; 400 feet, 1½ inches	85	24	10	28	10
Cotton	1,500 feet, 2¾ inches; 400 feet, 1½ inches	138	61	24	117	22
Cotton	1,500 feet, 2¾ inches; 400 feet, 1½ inches	128	13	8	15	55
Cotton	1,500 feet, 2¾ inches; 400 feet, 1½ inches	75	29	24	25	0
Cotton	1,500 feet, 2¾ inches; 400 feet, 1½ inches	79	32	16	42	21
Cotton	2,050 feet, 2¾ inches; 400 feet, 1½ inches	89	37	12	70	0
Cotton	1,800 feet, 2¾ inches; 400 feet, 1½ inches	28	26	12	46	21
Cotton	1,500 feet, 2¾ inches; 400 feet, 1½ inches	70	33	19	33	5
Cotton	1,550 feet, 2¾ inches; 400 feet, 1½ inches	118	27	10	27	0
Cotton	1,500 feet, 2¾ inches; 400 feet, 1½ inches	128	38	19	51	5
Cotton	1,500 feet, 2¾ inches; 300 feet, 1½ inches	101	26	24	32	35
Cotton	1,650 feet, 2¾ inches; 400 feet, 1½ inches	50	35	19	75	30
Cotton	1,500 feet, 2¾ inches; 400 feet, 1½ inches	138	65	52	71	8
Cotton	1,600 feet, 2¾ inches; 400 feet, 1½ inches	95	14	10	14	20
Cotton	1,500 feet, 2¾ inches; 400 feet, 1½ inches	119	24	13	44	45
Cotton	1,600 feet, 2¾ inches; 400 feet, 1½ inches	33	22	14	15	5
Cotton	1,500 feet, 2¾ inches; 350 feet, 1½ inches	89	26	29	21	40
Cotton	2,000 feet, 2¾ inches; 400 feet, 1½ inches	47	20	18	22	10
Cotton	2,000 feet, 2¾ inches; 400 feet, 1½ inches	62	35	34	28	45
Cotton	1,700 feet, 2¾ inches; 400 feet, 1½ inches	52	18	8	17	10
Cotton	1,500 feet, 2¾ inches; 400 feet, 1½ inches	118	30	1	44	45
Cotton	1,600 feet, 2¾ inches; 400 feet, 1½ inches	59	20	17	25	20
Cotton	1,550 feet, 2¾ inches; 400 feet, 1½ inches	98	36	32	26	15
Cotton	2,000 feet, 2¾ inches; 400 feet, 1½ inches	56	36	16	29	5
Cotton	1,500 feet, 2¾ inches; 400 feet, 1½ inches	93	46	18	92	45
Cotton	1,700 feet, 2¾ inches; 400 feet, 1½ inches	51	8	34	14	22
Cotton	1,500 feet, 2¾ inches; 400 feet, 1½ inches	44	15	15	18	43
Cotton	1,800 feet, 2¾ inches; 350 feet, 1½ inches	81	20	17	20	45
Cotton	1,800 feet, 2¾ inches; 400 feet, 1½ inches	21	15	8	23	36
Cotton	1,550 feet, 2¾ inches; 200 feet, 1½ inches	130	44	16	51	20
~~Cotton~~	~~1,500 feet, 2¾ inches; 400 feet, 1½ inches~~	~~111~~	~~50~~	~~20~~	~~92~~	~~25~~
Cotton	1,700 feet, 2¾ inches; 400 feet, 1½ inches	48	14	8	14	55
Cotton	1,600 feet, 2¾ inches; 400 feet, 1½ inches	110	23	6	56	20
Cotton	1,800 feet, 2¾ inches; 400 feet, 1½ inches	52	28	10	40	15
Cotton	1,500 feet, 2¾ inches; 400 feet, 1½ inches	123	33	22	32	50
Cotton	1,800 feet, 2¾ inches; 400 feet, 1½ inches	30	12	12	13	20
Cotton	1,450 feet, 2¾ inches; 250 feet, 1½ inches	55	24	29	19	0
Cotton	2,000 feet, 2¾ inches; 400 feet, 1½ inches	26	25	6	49	0
Cotton	2,050 feet, 2¾ inches; 400 feet, 1½ inches	42	18	6	24	10
Cotton	1,600 feet, 2½ inches; 400 feet, 1½ inches	45	12	6	12	5
Cotton	2,000 feet, 2½ inches; 400 feet, 1½ inches	16	10	12	12	20
Cotton	2,050 feet, 2¾ inches; 350 feet, 1½ inches	3	5	9	3	15
		142	77	15	91	10
		115	87	24	62	24
		109	127	93	101	0
		89	61	25	57	50
		96	85	28	66	30

STATEMENT OF THE KIND OF APPARATUS, CLASS, NUMBER OF MEN EACH COMPANY FOR THE FISCAL

COMPANY AND KIND OF APPARATUS.	Size of Apparatus	Number of Men in Company	Number of Horses in Company
Truck Co. No. 6—Ramsey, trussed	First	12	3
Truck Co. No. 7—Seagrave, straight frame	First	12	3
Truck Co. No. 8—Hopper, trussed	First	12	3
Truck Co. No. 9—Hopper, trussed	First	12	3
Truck Co. No. 10—Larkin, straight frame	Second	12	3
Truck Co. No. 11—Hayes, straight frame	First	12	3
Truck Co. No. 12—Kenney, trussed	First	12	3
Chemical Co. No. 1—Champion, double 80 gals	First	4	2
Chemical Co. No. 2—American La France, Motor Driven, double 80 gal	First	4	0
Chemical Co. No. 3—American La France, Motor Driven, double 80 gal	First	4	0
Chemical Co. No. 4—Champion, double 60 gal	First	4	2
Chemical Co. No. 5—Champion, double 60 gal	First	4	2
Chemical Co. No. 6—Champion, double 60 gal	First	4	2
Chemical Co. No. 7—Robinson, Comb. Chem. and Hose Wagon	First	4	3
Chemical Co. No. 8—Robinson, Comb. Chem. and Hose Wagon	First	4	3
Chemical Co. No. 9—Holloway, double 60 gal	First	4	2
Chemical Co. No. 10—Champion, double 60 gal	First	4	2
Chemical Co. No. 11—Pope-Hartford, double 80 gal., Motor Driven	First	4	0
Chemical Co. No. 12—Champion, double 100 gal	First	4	2
Chemical Co. No. 13—American La France, Motor Driven	First	4	0
Water Tower 1—Gorter Tower	First	4	3
Water Tower 2—Gorter Tower	First	4	3
Monitor Battery 1—Gorter Battery	First	1	1
Monitor Battery 2—Gorter Battery	First	1	1
Monitor Battery 3—Gorter Battery	First	1	1
Fire Boat 1—With Auto Hose Tender	First	21	0
Fire Boat 2—With Chem. Hose Tender	First	21	3
Fire Boat 3—		4	
Fire Boat 4—		2	

AND HORSES, ALARMS RESPONDED TO AND DUTY PERFORMED BY YEAR ENDING JUNE 30, 1914.

HOSE.		Number of Bell Alarms Responded to	Number of Fires Performed Duty at	Number of Still Alarms Responded to	Time Worked	
Kind.	Number of Feet and Size				Hours.	Minutes.
.....	.....	88	84	35	75	45
.....	.....	115	71	8	120	45
.....	.....	118	86	19	91	40
.....	.....	90	47	7	74	20
.....	.....	77	42	20	43	5
.....	.....	117	51	8	50	56
.....	.....	46	50	39	37	5
Cotton.....	150 ft., 1½ in.; Rubber 300 ft., 1 in.....	141	113	98	91	10
Cotton.....	100 ft., 1½ in.; Rubber 300 ft., 1 in.....	125	92	29	60	15
	Rubber 300 ft., 1 in.....	82	61	46	45	58
	Rubber 300 ft., 1 in.....	93	125	98	76	57
Cotton.....	100 ft., 1½ in.; Rubber 300 ft., 1 in.....	72	42	29	32	47
	Rubber 300 ft., 1 in.....	49	86	92	60	33
Cotton.....	2,100 ft., 2½ in.; Cotton 300 ft., 1½ in.....	28	23	8	20	50
Cotton.....	2,000 ft., 2½ in.; Cotton 200 ft., 1½ in.....	14	8	7	13	10
	Rubber 300 ft., 1 in.....	68	40	33	21	40
	Rubber 300 ft., 1 in.....	35	23	19	21	41
	Rubber 300 ft., 1 in.....	131	72	34	55	40
	Rubber 300 ft., 1 in.....	9	4	4	3	15
	Rubber 300 ft., 1 in.....	30	30	13	18	30
.....	.....	122	2		2	20
.....	.....	101	2		20	10
.....	.....	104	1		1	51
.....	.....	52	4		6	15
.....	.....	68	1		1	47
Cotton.....	3,000 ft., 3½ in.; 4,500 3-in.; 1,100 1½-in.....	81	8	4	31	25
Cotton.....	2,075 ft., 3½ in.; 4,575 3-in.; 850 1½-in.....	35	17	9	54	10

APPARATUS.

The following apparatus is in good condition and in regular service in the department: Forty-six steam fire engines (45 being horse drawn and one motor tractor drawn), 46 hose wagons, 7 combination hose and chemical wagons (three horse drawn and 4 motor driven), 12 straight chemicals (3 horse drawn and 4 motor driven), 12 hook-and-ladder trucks (10 horse drawn and 2 tractor drawn), two water towers, 3 monitor batteries, one hose tender (motor driven), 2 fire boats, 23 officers' buggies, 5 automobiles, 100 portable fire extinguishers, 128,800 feet of cotton, rubber lined, fire hose, and 6,450 feet of chemical rubber hose.

In addition to the above there is also the following apparatus and vehicles for relief and other purposes: Eleven steam fire engines (8 horse and 3 tractor drawn), 9 straight hose wagons, 4 combination hose and chemical wagons (3 horse drawn and 1 motor driven) 2 straight chemicals, 5 hook-and-ladder trucks, 9 buggies, 5 supply wagons, 1 wrecking wagon, 12 delivery wagons (11 horse drawn and 1 motor driven), 1 delivery truck, 2 hay wagons, 1 oil wagon, 9 hydrant carts, 3 breaking carts, 3 hose reels, 12 officers' automobiles, 1 sand wagon, 28,650 feet of new cotton hose of various sizes, 4,500 feet of new chemical hose, 29,050 feet of cotton watchline and second quality hose, and 7,300 feet of cotton hose of various sizes awaiting new lining.

NEW APPARATUS ACQUIRED.

During the past year the following new apparatus has been purchased and received by the department:

One hook-and-ladder truck, tractor drawn.
Two second size steam fire engines, tractor drawn.
One two-wheel tractor for steam engine.
Nine automobile runabouts for Battalion Chiefs.

In addition to the above, the following apparatus has been contracted for out of this year's appropriation but has not as yet been delivered or accepted by the department:

Five combination hose and chemical wagons, motor driven.
One straight hose wagon, motor driven.
One squad wagon, motor driven.
One second size steam fire engine, tractor drawn.

NEW HOSE PURCHASED.

During the year the following new hose was purchased for use in the department:

5,000 feet rubber cherical hose.
10,000 feet 1½-inch cotton rubber lined hose.
20,000 feet 2¾-inch cotton rubber lined hose.
5,000 feet 3 -inch cotton rubber lined hose.
2,000 feet 3½-inch cotton rubber lined hose.

NEW COMPANIES.

During the past year the following new companies were established and put in service:

Engine Co. 46, which is temporarily stationed at the Exposition Grounds of the Panama-Pacific Exposition Co., will shortly be installed in its regular quarters on Twelfth avenue between Geary and Anza streets.

Chemical Co. 13, which went into service in the new building on Twelfth avenue between Geary and Anza streets.

NEW BUILDINGS.

During the year the new building for Engine Co. 24, a two-story class "C" structure at the southwest corner of Hoffman avenue and Alvarado streets, was completed. The following new buildings for the department were contracted for and are now in course of construction:

Two-story, class "C" building at the northwest corner of Twenty-second and Wisconsin streets for Engine Co. 48.

Two-story, class "C" building at the southwest corner of Drumm and Commercial streets for Engine Co. 12 and a new hook-and-ladder truck company.

HYDRANTS.

During the past year twenty-eight new hydrants were installed in different parts of the city, fifty-three were discontinued and thirty-one old style hydrants were replaced by new five-inch ones, making a total of 4,369 fresh water hydrants in service that are supplied by water from the Spring Valley Water Co. and twenty-nine salt water hydrants that are supplied with water by the Olympic Salt Water Co. In addition thereto we have also the hydrants connected to the high pressure auxiliary water systems, of which mention is made elsewhere in this report.

DEPARTMENT STABLES.

There are at present 363 horses in the department, including those used for relief and emergency purposes. During the past year seventeen horses were purchased, twelve horses were condemned as unfit for active service. Of these three were transferred to the Department of the Sheriff and nine to the Park Commission. During the year five horses and a weanling died of various diseases and ten were destroyed on account of accidents and incurable diseases; 561 horses were treated at various times during the year by the Department Veterinary Surgeon for sickness, etc.

DEATHS.

The following deaths occurred amongst the members of the department during the past year:

John Farrell, Driver Engine Co. 8, September 12, 1913, of chronic pericarditis.

John J. McCarthy, Hoseman Engine Co. 29, September 25, 1913, of pneumonia.

Maurice J. Higgins, Truckman Truck Co. 4, October 18, 1913, of cancer of the face.

Richard Hutchison, Hoseman Fire Boat Co. 1, December 21, 1913, of accidental drowning.

William Jeffers, Lieutenant Engine Co. 20, January 13, 1914, of tuberculosis.

Frederick A. Ellenberger, Captain Truck Co. 1, January 25, 1914, of acute appendicitis.

Lawrence J. O'Neil, Captain Engine Co. 38, March 3, 1914, of tubercular enteritis.

Daniel Newell, Captain Engine Co. 13, March 16, 1914, of natural causes.

Eugene McCormick, Lieutenant Engine Co. 24, March 19, 1914, of cerebral tumor.

George Styles, Lieutenant Engine Co. 32, April 18, 1914, of glottisis.

William P. Conlin, Lieutenant Engine Co. 46, May 25, 1914, of pneumonia.

John M. Meacham, Lieutenant Truck Co. 6, June 28, 1914, chest crushed by being run over by rear wheel of apparatus, having slipped and fell while attempting to board the same while in motion and while responding to an alarm of fire.

RETIRED ON PENSION.

The following members of the Department were retired from active service on pension during the past year:

George McDonald, Hoseman Engine Co. 23, for physical disability.

John Wills, Battalion Chief, on account of full time of service.

L. M. Caslillo, Truckman Truck Co. 6, on account of full time of service.

Howard Holmes, Lieutenant Engine Co. 4, on account of full time of service.

Michael O'Brien, Battalion Chief, for physical disability.

Edward J. Murphy, Hoseman Engine Co. 26, for physical disability.

Samuel E. Kennard, Captain Engine Co. 28, for full time of service.

James J. Tyrrell, Hoseman Engine Co. 12, retired on account of full time of service.

Frederick G. Gerlach, Hoseman Engine Co. 5, retired on account of physical disability.

Frank Jordan, Truckman Truck Co. 10, retired on account of physical disability.

James H. Dever, Captain Engine Co. 36, retired on account of full time of service.

John Lavaroni, Lieutenant Engine Co. 28, retired on account of full time of service.

Charles B. Rogers, Driver Engine Co. 37, retired on account of physical disability.

APPOINTMENTS AND RESIGNATIONS.

During the past year sixty-four new appointments of members and employes of the department were made and eight resignations of members were accepted.

AUXILIARY HIGH PRESSURE WATER SUPPLY SYSTEM FOR FIRE PROTECTION.

There is now completed and in operation about seventy-two miles of water mains with 889 hydrants connected thereto of this system.

The Twin Peaks reservoirs, with a capacity of approximately 11,000,000 gallons, the Ashbury Heights Tank, with a capacity of 500,000 gallons, and the Jones street tank, with a capacity of 750,000 gallons are now in full operation. This latter tank, which has been completed and put in operation during the past year, is situated at an elevation of 334 feet and is intended to supply the lower zone of the high pressure water system, or that part of the city of less than one hundred and fifty feet elevation above the sea level. This is possibly the largest concrete tank ever constructed, the base of the walls being twenty inches thick with a gradual slope to the top and has two 20-inch discharge pipes leading from it.

Pumping Station No. 2, which is located on Government ground in the vicinity of the foot of Van Ness avenue, has been completed during the past year and is now in service. This pumping station contains four multi-stage turbine pumps of similar capacity to those of Pumping Station No. 1, viz., 2,000 gallons of water per minute. This station also furnishes to the Government electrical power for lights and other purposes and is especially equipped therefor, which will require its continuous operation both day and night. Two 20-inch discharge lines connect pumps with the high pressure water system mains at Van Ness avenue and Bay street. One of these lines connects with the upper zone and the other with the lower zone of the system.

The Panama-Pacific Exposition Co. has also installed a high pressure water system for fire protection purposes at its exposition grounds which has been connected with our high pressure system at three different points, namely, Van

Ness avenue between Bay and Francisco streets, Van Ness avenue near Chestnut street and in the Fort Mason reservation opposite Franklin street. These connections, however, will only be of a temporary nature, terminating with the close of the exposition.

RECOMMENDATIONS.

I respectfully recommend that new building sites be procured for the department at the following locations:

Lot in the vicinity of Plymouth avenue and Lake View avenue, 50x100 feet, for quarters for an engine company.

Lot in the vicinity of Twenty-fourth and Utah streets for Engine Co. 37 and Truck Co. 9.

Lot on the south side of Post street between Polk and Larkin, adjoining the present fire department lot.

Lot on Powell street between Broadway and Pacific for new quarters for Truck Co. 2, Engine Co. 5 and Chemical Co. 5.

Lot on the south side of Silver street, adjoining the rear of the department lot on Bryant street formerly occupied by Engine Co. 10.

Lot in the vicinity of Eighteenth and Eureka streets for a hook-and-ladder company and a high pressure system hose wagon.

I would also recommend the erection of new buildings on sites recommended for purchase as follows:

Two-story class "C" building in the vicinity of Eighteenth and Eureka streets for a new hook-and-ladder company and a high pressure system hose wagon.

Two-story class "C" building in the vicinity of Twenty-fourth and Utah streets for Truck Co. 9 and Engine Co. 37.

Two-story class "C" building on Powell street between Broadway and Pacific street for Truck Co. 2, Engine Co. 5 and Chemical Co. 5.

Two-story class "C" building in the vicinity of Diamond and Conrad streets for a new engine company.

Two-story class "C" building in the vicinity of Plymouth and Lake View avenues for an engine company.

Two-story class "C" building on the north line of Bryant street, west of Third street, as a headquarters for a Battalion Chief, Engine Co. 35, Truck Co. 8 and Monitor Battery 2. These companies to be changed from their present location on Bluxome street, which is very undesirable.

Two-story class "C" building in the vicinity of Jones and Clay streets for a truck and chemical company.

Also the erection of buildings on sites already in the possession of the department, as follows:

Four-story class "A" building on Mint avenue, near Fifth street, for general offices and headquarters for the department and quarters for the Chief Engineer and an Assistant Chief Engineer. Also quarters on the lower floors for Engine Co. 17 and a new truck company and a high pressure water system hose wagon.

This latter recommendation calls for special consideration, as the establishment of general headquarters for fire departments independent of other branches of municipalities and separated therefrom is now in vogue in all the larger cities of the East and better results have been obtained therefrom.

Two-story frame building in the rear of the quarters of Truck Co. 7 for use as a carpenter shop and plumbing shop for the department.

There are a number of companies now housed in buildings that are totally unfit for habitation by the members of the companies, the majority of which are temporary frame structures within the fire limits that were erected after the fire of 1906. More modern structures should be provided for these companies, and I accordingly make the following recommendations thereon:

Two-story class "C" building for Engine Co. 3, Chemical Co. 6 and Monitor Battery 1 on the department site on Post street, between Larkin and Polk. These

companies are now located on a School Department lot on Pine street, near Larkin, which we have been directed to vacate by the Board of Education.

Two-story class "C" building for Engine Co. 4, Water Tower Co. 1 and Chemical Co. 1 at 676 Howard street.

Two-story class "C" building for Engine Co. 5, Truck Co. 2 and Chemical Co. 5 on a site recommended to be purchased on Powell street, between Broadway and Pacific streets, which will be a more advantageous location for these companies than there present sites.

Two-story class "C" building for Engine Co. 8 at 1648 Pacific avenue.

Two-story class "C" building for Engine Co. 9 and a high pressure system hose wagon at 320 Main street.

Two-story class "C" building for Engine Co. 19 on Market street, between Tenth and Eleventh streets.

Two-story class "C" building for Truck Co. 3 and Chemical Co. 4 and a Battalion Chief's headquarters in the Civic Center site.

Two-story class "C" building for Truck Co. 5 and Chemical Co. 2 at 1819 Post street.

I would also recommend the installation of the following additional fire companies:

New engine company on site to be purchased in the vicinity of Plymouth and Lake View avenues, or, as a substitute therefor, the removal of Engine Co. 33 from 117 Broad street to that location.

New engine company at Wilde avenue and Girard street, the building for which company is now completed.

New engine company in the vicinity of Conrad and Diamond streets.

New hook and ladder company at Eighteenth and Eureka streets.

New hook and ladder company at Twentieth and Kentucky streets.

High pressure water system hose wagon at Eighteenth and Eureka streets.

New chemical company in the vicinity of Clay and Jones streets.

I would also reccommend the installation of at least fifty additional street cisterns for fire protection purposes, to be located in sections of the city that are not now covered by the mains of the Spring Valley Water Company or the high pressure auxiliary water system.

In this connection I would recommend that the excavation in Howard street, at its intersection with Tenth street, which was formerly used by the street railroad company, and which could be converted into a cistern of from 800,000 to 900,000 gallons capacity at a comparatively small expense, be utilized for that purpose.

In order to afford sufficient water for fire protection purposes in the outlying districts which are practically without any such protection at this time in that respect I renew my recommendations as follows:

Oceanside district, south of Golden Gate Park. For this district I would recommend that connection be made with the pipe system from the pumps supplying Lake Metson in Golden Gate Park by running a 12-inch main from the same through the Park to connect to the cistern installed at Forty-seventh avenue and Judah street and thence running through intersecting streets to Forty-ninth avenue and Pacheco street. By this means the cistern could be more rapidly filled when required. Hydrants could be connected to this main at desirable points, which, after their installation, could be maintained without any additional cost to the city.

For the protection of that portion of the Sunset and Richmond district that is now lacking in water supply I would recommend that a reservoir of 5,000,000 gallons capacity be constructed in the vicinity of Twelfth avenue and Rivera street and distributing mains laid to cover the entire Sunset district and crossing the Park to the Richmond district. The water to supply this reservoir could be piped from the Clarendon Heights reservoir. If this would be accomplished the serious problem of providing water for fire protection purposes for that portion of the city

would be overcome, as the entire Sunset and a portion of the Richmond district would have an independent water supply amply sufficient for all purposes.

I would further recommend that a 12-inch pipe connection be made with the reservoir in Golden Gate Park at Grove and Stanyan streets, and that hydrants be connected thereto on Stanyan and Fulton streets, as the Spring Valley Water Company's pressure is very low in that location.

In the district west of Thirty-second avenue and along Geary street I would recommend that a reservoir of 3,000,000 gallons capacity be constructed in Lincoln Park, to be supplied from the 10-inch main which the Park Commission has installed in Thirty-ninth avenue, from Golden Gate Park to Lincoln Park. The water to supply this reservoir could be obtained from the Murphy windmill in Golden Gate Park. Or, if this arrangement could not be carried out, a salt water supply could be obtained by the city running a main from the Olympic Salt Water Company's main on Geary street to the reservoir and having the water pumped thereto. Mains from the reservoir could be extended along Lake and Clement streets, thus insuring an ample supply and adequate pressure for fire protection purposes in the West Richmond district. Hydrants could then be installed at available points along the line of these mains.

I also renew my recommendation to extend the district in which the street signal gongs warning traffic to cease on the approach of the fire apparatus. This system is now in successful operation along Market street, from Second to Sixth, and I favor the extending of the same from First to Ninth on Market street, also on Montgomery and Kearny streets from Market to California, Grant avenue from Market to Bush, Stockton from Market to Post, Powell from Market to Post, and on First, Second, Third, Fourth, Fifth and Sixth streets from Market to Howard street.

Progress has been made in the plan of converting all of the apparatus of the department into motor propelled during the past year, and we have now twenty-two pieces of this style of apparatus in the department, which, together with eighteen more pieces not yet in service or contracted for, will make a total of forty pieces of motor apparatus and automobiles. The appropriation for the ensuing year will not permit making very extensive additions to our apparatus and hose equipment, but will allow the purchase of the following, which I recommend: One city service truck, three tractors for steam fire engines, three tractors for hook and ladder trucks, three combination wagons, one monitor battery, one auto pumping engine and 10,000 feet of 1½-inch hose.

In connection with the matter of converting all the apparatus of this department into motor propelled, and in view of the gradual advancement made therein I deem it imperative that some action be taken with a view to survey of the city from a fire protection point of view with the object of relocation of fire stations which the change from horse driven to motor propelled apparatus will naturally necessitate. The natural curtailment in the time required to respond to alarms of fire by motor driven apparatus and the greater amount of territory that can be efficiently covered by this style of apparatus will undoubtedly require a redistricting of the city, with a view to changing the location of certain fire companies, and I therefore recommend that this matter be given the careful consideration it merits with the object of increasing the efficiency of the department at the least possible cost.

I also desire to call attention to the fact that although the city has greatly increased in area in the past ten years or more no extension has been made to the fire limits in that time, which I am of the opinion should be gradually increased in accordance with the growth of the building area. This custom prevails in other large cities and should be followed out here. I would therefore recommend that the present fire limits be extended so as to include both sides of Sacramento street, from Stockton street to Van Ness avenue, and both sides of Van Ness avenue to Market street. Also that several more blocks should be included in the Mission

district beyond its present boundary line at McCoppin street, and at least one block further south from Mission street as far as First street.

I would also recommend that the high pressure auxiliary water system be extended along the following streets as soon as possible: Pacific avenue, from Divisadero to Lyon; Baker street, from Pacific avenue to Union street; Scott street, from Pacific avenue to Union street; Fillmore street, from Pacific avenue to Filbert street; Laguna street, from Pacific avenue to Filbert street; Sacramento street, from Divisadero street Arguello boulevard; Arguello boulevard, from Sacramento to Clement street; Clement street, from Arguello boulevard to Twelfth avenue; Pine street, from Jones to Stockton; Green street, from Stockton to Kearny; Kearny street, from Green to Filbert; Twenty-second street, from Harrison to Wisconsin; Hyde street, from California to Bay; Laguna street, from Pacific avenue to Market street; Castro street, from Eighteenth to Twenty-fifth.

I desire to call attention to the fact that the large body of water, known as Mountain lake, which is situated on Government land in the upper part of the Richmond district, would be available for use in case of fire in that vicinity, if an approach to the lake were built so as to allow our engines to reach the same for draughting purposes. I have been assured by the proper Government authorities that permission to use this water for that purpose would be granted. I would therefore recommend that steps be taken to have this runway or approach to the lake built.

I also recommend that at least five hundred fire alarm boxes of the keyless door type be installed in different parts of the city, and that the Department of Electricity proceed as soon as possible to place its entire wire system underground, as this would insure greater safety to the fire alarm system and less danger of wire trouble.

In conclusion I desire to extend my sincere thanks to your Honorable Board for the active and untiring interest always manifested by you in matters pertaining to the efficiency and advancement of the department. I also desire to express my thanks and appreciation to the officers and members of the department for the commendable manner in which they have performed their required duties during the fiscal year just ended.

To his Honor, the Mayor, the heads of the different departments of the municipality, the Chief of Police and members of his force, Fire Marshal Towe and Superintendent Comstock of the Underwriters' Fire Patrol, Chief Barry of the Department of Electricity, City Engineer O'Shaughnessy and his assistants, and the attaches of the City Architect's office, I also desire to extend my thanks in appreciation of the valuable assistance they have rendered the departmnt whenever the opportunity presented itself.

Respectfully submitted,

THOS. R. MURPHY,
Chief Engineer, S. F. F. D.

Report of Fire Pension Fund Commissioners

San Francisco, July 22, 1914.

Hon. James Rolph, Jr.,
Mayor of the City and County of San Francisco.

Sir:—In compliance with Article XVI, Section 9, of the Charter of the City and County of San Francisco, the Board of Fire Pension Fund Commissioners herewith present and submit their report for the fiscal year ending June 30th, 1914.

ORGANIZATION.

The Board of Fire Pension Fund Commissioners as now constituted consists of four members and a secretary, namely:

A. J. MARTIN	Term expires January 8th, 1918
C. T. SPADER	Term expires January 8th, 1917
H. U. BRANDENSTEIN	Term expires January 8th, 1916
JAMES E. DILLON	Term expires January 8th, 1915
H. L. KEEFE	Secretary

During the year the following named members of the Fire Department were pensioned under the provisions of Article 9, Chapter 7, Section 4 of the Charter, namely:

Michael O'Brien, Battalion Chief. Pensioned October 6th, effective November 1st, 1913

Edward J. Murphy, Hoseman Engine Company 26. Pensioned October 15th, effective November 1st, 1913.

Frederick C. Gerlach, Hoseman Engine Company 5. Pensioned December 29th, effective January 1st, 1914.

Frank Jordan, Truckman Truck 10. Pensioned January 28th, effective February 1st, 1914.

Charles B. Rogers, Driver Engine Company 37. Pensioned April 29th, effective May 1st, 1914.

During the year the following members of the Fire Department were retired on pension under the provisions of the Charter, Article 9, Chapter 7, Section 3, namely:

John Wills, Battalion Chief. Pensioned June 25th, effective July 1st, 1913.

Leo M. Castillo, Truckman Truck Company 12. Pensioned June 25th, effective July 7th, 1913.

Louis Barricks, Engineer, Engine Company 40. Pensioned July 11th, effective August 1st, 1913.

Samuel E. Kennard, Captain Engine Company 28. Pensioned December 29th, effective January 1st, 1914.

James J. Tyrrell, Hoseman Engine Company 12. Pensioned December 29th, effective January 1st, 1914.

J. H. Dever, Captain Engine Company 36. Pensioned March 4th, effective from March 1st, 1914.

John Lavaroni, Lieutenant Engine Company 17. Pensioned March 4th, effective April 1st, 1914.

During the year the following widows and parents of firemen who were killed in the discharge of duty, or who received injuries that resulted in death, were pensioned under the provisions of the Charter, Section 5, Chapter 7, Article 9, namely:

Guiseppe and Rose Arata, parents of John Arata. Pensioned July 14th, effective from July 1st, 1913.

Mrs. Margaret E. Girot, widow of Alfred Girot. Pensioned January 28th, effective February 1st, 1914.

Mrs. Susan E. Dougherty, widow of John Dougherty. Pensioned April 22nd, effective May 1st, 1914.

LIST OF PENSIONERS JULY 1st, 1913, TO JUNE 30th, 1914.

NAME.	Pension Effective.	Amount per Quarter.
Bell, Charles	February 14, 1892	$135.00
O'Neil, John	April 23, 1892	135.00
Fleming, P. H.	October 29, 1892	210.00
Finn, D. A.	January 14, 1893	135.00
Robinet, H. J.	July 28, 1894	135.00
McCue, Hugh	February 2, 1895	135.00
O'Neill, Edward	June 6, 1897	135.00
Grady, James	December 16, 1897	135.00
O'Sullivan, Edward	September 14, 1899	135.00
Murphy, John J.	November 9, 1899	210.00
Desmond, Felix P.	November 16, 1899	135 00
Sweeny, Mrs. Jennie	July 1, 1900	120.00
Crummy, John T.	November 1, 1900	120.00
Wolf, Joseph	January 10, 1901	120.00
Barry, Patrick	April 1, 1901	150.00
McGibbon, James A.	March 6, 1903	150.00
Mahoney, John J.	June 1, 1902	180.00
Nagle, Mrs. Eliza J.	September 1, 1902	150.00
Heffernan, Mrs. Marion	October 1, 1902	150.00
Cumisky, James	November 1, 1902	150.00
Browne, Robert T.	April 1, 1903	180.00
Bearwald, Mrs. Ray	June 1, 1903	150.00
Holmes, Mrs. Mary	December 1, 1903	180.00
Casserly, Thomas E.	June 1, 1904	150.00
Sawyer, Robert H.	June 1, 1904	180.00
Harrington, Mrs. Emma	October 1, 1904	150.00
Dougherty, Mrs. Sarah	October 1, 1904	168.75
Allen, John	January 1, 1906	150.00
Ewing, George	January 1, 1906	180.00
Sullivan, Mrs. Jennie	February 1, 1906	150.00
Dakin, Mrs. Francis	February 1, 1906	180.00
Hennessy, Mrs. Nellie	February 1, 1906	150.00
Reilly, J. W.	April 30, 1906	225.00
Kenny, John	April 30, 1906	180.00
O'Neill, Mrs. Mary	May 11, 1906	135.00
Sullivan, Mrs. Margaret	May 18, 1906	499.95
Smith, Mrs. Nora	September 7, 1906	135.00
Lennon, Edward P.	November 1, 1906	150.00
Woods, Gabriel	December 1, 1906	150.00
Harrison, David	January 1, 1907	180.00
Stevens, Joseph	January 16, 1907	150.00
Boyson, George M.	March 1, 1907	150.00
O'Brien, Maurice J.	July 1, 1907	150.00
Fernandez, T. M.	July 1, 1907	262.50
Barry, Thomas	July 1, 1907	150.00
Canty, Thomas	July 1, 1908	180.00
Carew, George	August 16, 1908	232.50
Wells, George F.	July 16, 1908	180.00
Franks, Mrs. Nellie	August 1, 1908	150.00
Balk, Stephen S.	November 1, 1908	180.00
Kelly, William E.	December 1, 1908	232.50
Donnelly, Bernard	January 1, 1909	180.00
Lyons, Mrs. Teresa	March 5, 1909	180.00
Schmidt, Henry	April 16, 1909	232.50
Garety, Mary I.*	July 1, 1909	180.00
Ford, John J.	July 1, 1909	180.00
Cuneo, Rinaldo	July 1, 1909	180.00
Crosby, John	October 16, 1909	180.00
Ryan, Michael	October 16, 1909	180.00
Schill, Alfred	November 1, 1909	150.00
Waters, William D.	January 16, 1910	337.50
Shaughnessy, Patrick H.	March 16, 1910	624.99
McKittrick, Edward F.	March 16, 1910	337.50
Riley, Mrs. Maria	June 4, 1909	150.00
McCarthy, Mrs. Mary	March 16, 1910	180.00

* Guardian for Johnson Minors.

LIST OF PENSIONERS JULY 1st, 1913, TO JUNE 30th, 1914.—Cont'd.

NAME.	Pension Effective.	Amount per Quarter.
Roberts, Mrs. Helena M.	April 2, 1910	180.00
Mitchell, John	July 1, 1910	180.00
Florance, Alfred	July 1, 1910	180.00
Banker, August	July 1, 1910	180.00
Horn, Henry F.	July 1, 1910	337.50
Reimers, J.	July 1, 1910	180.00
McConigle, Edward	July 1, 1910	180.00
Hayden, Mrs. Sarah	July 1, 1910	180.00
Smith, Charles F.	July 8, 1910	180.00
Gorter, Henry H.	August 1, 1910	337.50
Kiehl, Louis	October 4, 1910	210.00
Wright, Mrs. Anna	April 4, 1910	180.00
Cavanagh, James T.	June 1, 1911	180.00
Dougherty, Gabrielle	May 1, 1911	150.00
Connell, Cornelius	August 1, 1911	180.00
Casebolt, William S.	July 16, 1911	210.00
Buckley, Mrs. Anna	June 1, 1911	180.00
Baker, Mrs. Catherine	September 4, 1910	165.00
Riley, Mrs. Ann	August 1, 1911	150.00
Wilkinson, Mrs. Hannah	August 1, 1911	135.00
Henrikson, Albert	March 1, 1912	180.00
Ahearn, Mrs. Teresa	March 18, 1912	180.00
Pendergast, John	April 2, 1912	213.75
Barbetta, Nicholas	May 1, 1912	180.00
Miskel, Mrs. Minnie	June 26, 1912	232.50
Raffestin, Mrs. Jessie	January 6, 1912	180.00
McCluskey, John	July 1, 1912	337.50
Farley, Mrs. Annie	September 1, 1912	337.50
Sawyer, Joseph	July 1, 1912	150.00
Currier, Ben F.	July 1, 1912	180.00
Dolan, M. J.	August 1, 1912	450.00
Hall, Mrs. Mary B.	August 1, 1912	210.00
Rapp, Mrs. G.	August 23, 1912	150.00
Roebling, Wm. A.	November 1. 1912	180.00
Fay, John	November 1. 1912	232.50
Brown, Matthew	November 1. 1912	180.00
Thompson, Jos. F.	December 1, 1912	165.00
Ballantine, Lawrence	January 1, 1913	180.00
Wonderlich, Wm.	January 1, 1913	180.00
Hewitt, Chas. F.	January 18. 1913	210.00
Serens, Wm. A.	February 1, 1913	180.00
Holmes, Howard	April 22, 1913	213.75
McDonald, George	July 1, 1913	180.00
Wills, John	July 1, 1913	337.50
Arata, Guiseppe and Rosa (Parents of John Arata)	July 1, 1913	180.00
Castillo, Leo M.	July 7, 1913	180.00
Barricks, Louis H.	August 1, 1913	210.00
O'Brien, Michael	November 1, 1913	337.50
Murphy, Edward J.	November 1, 1913	180.00
Kennard, Samuel E.	January 1, 1914	232.50
Tyrrell, Jas. J.	January 1, 1914	180.00
Gerlach, Frederick C.	January 1, 1914	180.00
Girot, Mrs. Margaret E.	February 1, 1914	180.00
Jordan, Frank	February 1, 1914	180.00
Dever, J. H.	March 1, 1914	232.50
Lavaroni, John	April 1, 1914	213.75
Dougherty, Mrs. Susan E.	May 1, 1914	375.00
Rogers, Chas. B.	May 1, 1914	180.00

During the year the following deaths occurred:

William Cunningham	Died February 7, 1914
Henry Welch	Died October 5, 1913
Lemuel Rudolph	Died December 12, 1913

APPROPRIATIONS AND EXPENDITURES.

Appropriated by Board of Supervisors July 1, 1913	$85,000.00
Appropriated by Board of Supervisors June 29, 1914	5,000.00
Surplus from fiscal year 1912-1913	2,977.79
Total Appropriation	$92,977.79

PENSIONS PAYABLE.

First Quarter ending September 30, 1913	$21,971.69	
Second Quarter ending December 31, 1913	22,192.69	
Third Quarter ending March 31, 1914	22,997.54	
Fourth Quarter ending June 30, 1914	23,519.94	
Salary of Secretary and Expense	600.00	91,281.86
		$ 1,695.93

Respectfully submitted,

BOARD OF FIRE PENSION FUND COMMISSIONERS.
By H. L. Keefe, Secretary.

Recorder's Annual Report

FISCAL YEAR ENDING JUNE 30, 1914.

San Francisco, July 28, 1914.

To the Honorable, the Mayor and the Board of Supervisors,
City and County of San Francisco:

Gentlemen:—Pursuant to Charter provisions (Article XVI, Section 9), I beg to submit herewith a detailed report of the operations in the Recorder's office for the fiscal year ending Jun 30, 1914.

PAPERS FILED.

Fiscal year ending June 30, 1913	57,903
Fiscal year ending June 30, 1914	55,552
Decrease in 1913-14	2,351

On the face of this comparison a slight decrease only (about four per cent) is shown in the number of papers filed during the past fiscal year, but this small decrease does not express the real falling off in general business in this department, for in the total given for the year is included 8387 Twin Peaks tunnel agreements—special documents which can not fairly be used as indicative of general business or ordinary activities. In the fiscal year preceding the year just closed the Stockton street tunnel agreements were filed for record; but these included a total of only 457. If, therefore, a comparison be made in which these special documents are eliminated, the figures will be as follows:

General papers filed, fiscal year 1912-13	57,446
General papers filed, fiscal year 1913-14	47,165
Decrease, 1913-14	10,281

I am accordingly compelled to announce, most reluctantly, a decrease in the general business of the department amounting to almost eighteen per cent during the past fiscal year, as compared with the immediately preceding fiscal year.

For the filing of those instruments which are deemed of most importance, because representing substantial business transactions, the figures for the past fiscal year and the preceding fiscal year were as follows:

	1912-13	1913-14
Deeds recorded	16,385	10,943
Mortgages	7,239	7,150
Deeds of Trust	2,046	1,898
Leases	849	627
Builder's Contracts	1,521	1,371
Releases	3,987	3,855

It will be seen that in the recording of deeds the decrease was very great—about thirty-three per cent.

Some of this shrinkage was due to the fact that in the past year there were few operations under the McEnerney Act, hence few conveyances for the purpose

of bringing suit and establishing title on the so-called "club" plan, by which a number of owners would deed to a certain agent, who, at the termination of the legal proceedings, would reconvey the properties to the several owners.

The additional cause for the decrease, was, of course, the depression and inactivity which has been general in realty operations throughout our entire country, and, as reported, also in foreign countries. In San Francisco there appears to have been, in realty operations, a fairly healthful movement in developed income-paying properties and in vacant lots purchased for immediate development; but there has been practically no speculation in vacant lots, either in the outside residential lands, which ordinarily furnish a goodly percentage of all conveyances, or in the down-town business and apartment sections.

It is well known that the ultra-conservative course pursued by the money-lending institutions, in respect to loans on vacant properties, is in a large measure responsible for the practical elimination of speculation in this class of investments. But it is the contention of those who hold the purse strings that the best and safest policy has been followed, and that the city will gain in the end by building soundly and sanely, by restricting undue speculation, and by maintaining safe investment valuations. And that is the situation in San Francisco today. The Recorder's office is not swamped with instruments conveying or mortgaging properties, but in the meantime the dull and inactive era, prevailing everywhere, is here being successfully weathered, with far less distress than in most communities; and our property values are on so solid a foundation, and our substantial growth so manifestly assured, that all fear of a panic or of an alarming depression is absent from our minds.

The slight depression we have endured has served the useful purpose of placing property values and property development on such a conservative and safe basis that we have nothing further that is bad to fear, and much that is good to expect.

CASH ACCOUNT.

	Cash Receipts.	Expenditures.	Surplus.
Fiscal year 1912-13	$91,710.90	$72,817.89	$18,893.01
Fiscal year 1913-14	76,221.65	65,941.31	10,280.34
Decrease, 1913-14	$15,489.25	$ 6,876.58	$ 8,612.67

In addition to the receipts for Recorder's fees, as above, there was collected as desk rentals during the year the sum of $637.50. This amount was duly paid to the Treasurer as a special account, and is not further considered in the department's operations.

While there were filed, during the year, within about four per cent of as many instruments as in the preceding fiscal year, the apparent disproportion of the decrease in cash receipts and in net surplus is easily explained. As stated in another paragraph, tunnel agreements to the number of 8,387 were among the total of 55,552 instruments filed for record. These tunnel agreements, and several hundred additional instruments of various classes, were filed "officially" by the city authorities, and, under the law, paid no recording fee to this department, though the instruments required indexing, copying, etc., in the same manner as instruments filed and paid for by private parties. Tne number of instruments filed without the payment of the usual recording fees, it will be seen, amounted to about sixteen per cent of the total. In the preceding fiscal year, only about one per cent of the total was filed without the payment of the usual fees.

There is a tendency to increase the work of this department, and to decrease its earnings, by the passage of ordinances that provide for the recording of certain instruments without the payment of the statutory recording fees. It is true that we can hardly expect another Twin Peaks tunnel, with its accompanying

list of 8,387 recorded agreements and several hundred deeds and easements for the right of way. But in the new street improvement laws, on the ten-year installment payment plan, a situation has risen which may seriously affect the financial status of this department. As in the case of the tunnel agreements, the agreements to be entered into by property owners for the performance of the street work are also to be be recorded without the payment of a fee. As the new plan is only about to be put into operation, I can not, at this time, estimate the amount of recording that will ensue; but it is not impossible that, if the expansion of the idea of "officially" recording instruments continues, this office may be removed from its present satisfactory position as one of the surplus-earning departments. I do not mention this as a criticism of the actions already taken by the Supervisors in this regard; but it is right that the matter should be understood.

Since the commencement of the new charter era (January 8, 1900), which was also the beginning of my incumbency, the cash statement of the department is as follows:

	Papers	Total Receipts	Total Expenses	Surplus
1900-01	25,776	$ 39,584.45	$33,852.00	$ 5,732.45
1901-02	29,242	45,539.60	39,040.56	6,499.04
1902-03	35,112	54,077.70	43,000.00	11,077.70
1903-04	37,337	57,537.45	43,900.00	13,637.45
1904-05	41,360	63,330.85	43,900.00	19,430.85
1905-06	40,434	62,143.30	40,935.68	21,207.62
1906-07	54,070	83,978.90	56,113.20	27,865.70
1907-08	55,729	85,884.55	61,262.49	24,622.06
1908-09	64,513	105,619.90	70,400.00	35,219.90
1909-10	57,673	97,813.40	71,472.55	26,340.85
1910-11	65,291	107,218.15	73,400.00	33,818.15
1911-12	56,551	95,534.25	75,522.43	20,011.82
1912-13	57,903	91,710.90	72,817.89	18,893.01
1913-14	55,552	76,221.65	65,941.31	10,280.67
				$274,637.27

For the expenses of this department for the past fiscal year the Supervisors appropriated the sum of $75,600. I am pleased to report that out of that sum a substantial amount was unused and reverted to the city's general fund. The unexpended surplus of the appropriation was $9,658.69. Of this sum, $8,570.30 was from the amount specially appropriated for copying (which is paid for on piecework basis), while the balance $1,088.39, was saved from the statutory salaries.

So far as the work of the department is concerned, I am enabled to state that throughout the year all recording has been promptly done, and papers have been returned to the parties who filed them within ten days—the routine time required for indexing, copying, etc., and for inspection by abstracters and title searchers.

In the matter of structural improvement or office equipment for the Recorder's office, I have asked for little, owing to the fact that space has been provided in the new city hall, now building, for my department. I must, however, mention with great satisfaction that the one betterment of any note asked for and granted to the department (the new temporary heating plant), has proved a boon to my attaches and to the many persons stationed in the office and engaged in abstracting and searching of the records. The new plant is not of sufficient capacity in the coldest of weather, but it provides a healthful form of heat which is a great improvement over the poisonous gas fumes we were compelled for some years to endure. With removal to the new hall in prospect, it is not my intention to ask for an augmentation of the present heating plant for the brief period involved.

Before closing my report, I feel it incumbent upon me to inform you that I have been personally approached by many citizens in protest against the proposed removal of the Recorder's office to the new city hall, and the demolition of the present Hall of Records. Various reasons have been assigned in support of the protests. That the Hall of Records is a monumental, substantial structure, built at great cost, and rehabilitated after the conflagration at further great cost, is cited by all, together with the sentimental fact that the Hall is the one municipal building of any worth which still stands as a reminder of the old San Francisco. Reference is also made to the general custom, throughout all countries, of safeguarding official records from the menace of fire by storing them in a separate structure, apart from all other buildings. My attention is also called to the fact that the Hall of Records is located easterly of Hyde street, which is to be cut through to Market street; and that it is northerly of Fulton street, also to be extended to Market street, leaving the Hall upon a rectangular block newly created by the extension of these two streets. This block is easterly of and not a part of the specific civic center, as diagrammed by the architects and engineers, and the Hall of Records does not face upon and is not visible from the parked square of two blocks which forms the center of the civic plat, and upon which all of the new public buildings now proposed will face. It is held, therefore, that the location of the Hall of Records would permit of its retention without injury to the harmonious scheme of architecture selected for all of the new buildings. According to general information, no new structure is thus far contemplated for the block to be formed by the extension of the streets noted and in which the location of the Hall of Records is included.

The above ideas, covering, in a general way, the points presented to me by the citizens referred to, are given to you for such consideration as they may, in your judgment, merit.

I desire to thank your Honor and the Board of Supervisors for the cooperation and courtesies extended to my department during the past fiscal year.

Very truly yours,

EDMOND GODCHAUX,
County Recorder.

NUMBER OF INSTRUMENTS FILED AND RECORDED DURING FISCAL YEAR 1913-1914.

Instruments.	Totals
Acceptances and abandonments of Buildings	1,878
Agreements and Covenants	9,617
Architect's Certificates	8
Assignments of Mortgages	362
Attachments, Releases and Executions	581
Bills of Sale	532
Bonds	82
Builder's Contracts and Bonds	1,371
Certificates of Birth, Death, etc.	2
Certificates of Redemption—State	93
Certificates of Sale, Assignments, Redemptions	87
Decrees	200
Decrees Establishing Title	909
Deeds	10,943
Deeds of Trust	1,898
Election Expenses (statements of)	68
Homesteads, Declarations and Abandonments	365
Judgments, Transcripts, Satisfactions, etc.	239
Leases, Assignments and Surrenders	627
Liens and Releases of Liens	1,766
Lis Pendens	486
Lis Pendens to Establish Title	472
Maps	14
Marriage Certificates and Licenses	6,206
Marriage Contracts	38
Miscellaneous	578
Mortgages of Personal Property	1,479
Mortgages of Real Property	7,150
Notice of Ownership	7
Notices of Sale	835
Partnerships, Limited	27
Powers of Attorney, Revocations, etc.	271
Probates, Decrees of Distribution, etc.	845
Reconveyances	1,356
Releases of Personal Property Mortgages	253
Releases of Real Estate Mortgages	3,855
Separate Property of Wife	4
Sole Trader	1
Tax Deeds	47
Total	55,552

Coroner's Report

San Francisco, September 8, 1914.

Honorable James Rolph Jr.,
Mayor of the City and County of San Francisco.

Dear Sir:—Enclosed please find my report for the fiscal year ending June 30, 1914.

Respectfully submitted,

THOS. B. W. LELAND, Coroner.

Total number of cases	1,207
Inquests held	632
Witnesses called	3,515
Jurymen	1,560
Burials in Potter's Field	234
Number of unidentified dead	40
Natural causes	545
Investigated and countersigned	709
Investigated and not inquested	30
Suicides	233
Falls	76
Struck by falling objects	14
Train	13
Electric care	25
Cable car	4
Automobile	25
Motorcycle	5
Burns	23
Suffocation	12
Poisons	62
Crushed	9
Drowning	17
Electrocution	1
Miscellaneous	8
Elevator	9
Cause unknown	29
Carelessness	4
Anaesthesia	1
Murders	45
Abortions	6
Manslaughter	6
Justifiable homicides	2

ACCIDENTS.

Fall From—

Box	1
Platform	2
Crane	1
Window	7
Loft	3
Roof	4
Hand car	1
Down stairs	7
Rigging	1
Building	11
Bridge	1
Horse	1
Staging	3
On floor	2
Fuel tank	1
Street	7
Ladder	2
Wagon	2
Scaffold	4
Cliff	1
Skylight	1
Flagpole	1
Embankment	1
Car	1
Elevator shaft	1
Electric pole	1

Fall Into—

Bay	3
Basement	2
Hold	2
Over banister	1
	76

Struck By—

Runaway team	1
Concrete mixer	1
Wagon shaft	1
Hotel bus	1
Scantling	1
Bale of hay	1
Log	1
Sling of lumber	2
Truck (horse)	1
Truck (fire)	1
Beam	1
Barrel	1
Lumber	1
	14

Struck By—

Train	13
Electric car	25
Cable car	4
Automobile	25
Motorcycle	5
	72

Burns—

Gasoline	1
Matches	4
Lamp exploded	4
Building fire	1
Clothing	5
Exploding gases	1
Steam	2
Fireplace	1
Carbolic acid	1
Clothing from cigarette	2
Hot water bottle	1
	23

Suffocation—

Bedclothes	2
Cave-in	6
Paint fumes	1
Box car fire	1
Smoke	2
	12

Poisons—

Ether	2
Gas (illuminating)	47
Chloral	1
Cyanide	2
Carbolic	2
Cocaine	1
Sulphureted Hy	2
Bichloride	2
Ptomaine	1
Strychnine	1
Lysol	1
	62

Drowning—

Drowning	17

ACCIDENTS—Continued

Crushed By—	
Machinery	2
Freight	1
Chute	1
Falling rock	2
Between cars	1
Against steamer	1
Fall of truss	1
	9
Electrocution—	
Electrocution	1
Miscellaneous—	
Kicked by horse	1
Dive into shallow water	1
Injured while intoxicated	1
Unable to determine whether accident or suicide	4
Unable to determine whether natural cause or electrocution	1
	8
Elevator—	
Elevator	9
Cause Unknown—	
Drowning	17
Bichloride	2
Gunshot	2
Fracture skull	2
Fall down stairs	1
Strychnine	1
Fall street	1
Gas	2
Exposure	1
	29
Carelessness—	
Of deceased	3
Of U. R. R. Co.	1
Carelessness of deceased due to explosion, jump from train, fall from car.	
	4
Anaesthesia—	
Anaesthesia	1
Murders—	
Gunshot	34
Stabbed	4
Thrown from window	1
Blow on jaw	1
Beat over head	1
Lockjaw	1
Struck by hatchet	1
Cut throat	2
	45
Abortion—	
Self induced	3
Criminal	6
Manslaughter—	
Punch in street fight	1
Gunshot	1
Street fight (involuntary manslaughter)	1
Stab wound	1
Struck over head	1
Controller bar	1
	6
Justifiable Homicide—	
Gunshot	2

SUICIDES.

July, 1913 to June, 1914 (inclusive).

SEX.

Male	196
Female	37
	233

MODE.

Gas	68	Cyanide	9
Firearms	93	Jumped under train	1
Razor	11	Chloroform	2
Strychnine	4	Scissors	1
Bichloride	10	Knife	1
Carbolic	5	Jumped under electric car	1
Jumped from window	3	Arsenic	1
Cut throat	1	Lysol	2
Hanging	9	Opium	1
Iodine	1		
Chloral	1		233
Drowning	7		

STATE.

Married	83	Divorced	9
Single	57	Unknown	66
Widower	12		
Widow	6		233

NATIVITY.

United States	73	Denmark	1
England	10	Prince Edward Island	1
Japan	4	France	5
Philippines	1	Roumania	1
Russia	1	Canada	1
Germany	23	Greece	1
Italy	11	Portugal	1
Switzerland	1	Porto Rico	1
Scotland	5	Europe	1
Austria	3	Australia	1
Ireland	11		
Norway	4		172
Sweden	3	Unknown	61
Wales	2		
China	4		233
Spain	2		

SUICIDES—Continued

CAUSE.

Mental derangement	6	Lack of employment	2
Business worry	3	Fear of arrest	2
Ill-health	35	Grief	2
Domestic troubles	9	Drink	9
Despondent	54	Loss of employment	1
Temporary insanity	41	Melancholy	2
Financial reverses	4	Gambling	1
Nervousness	2	Unknown	49
Love affairs	2		
Jealousy	9		233

Report of Law Library

San Francisco, Cal., July 30, 1914.

Hon. James Rolph, Jr., and
The Board of Supervisors of the City and County of San Francisco.

Gentlemen:—The Librarian and Secretary of the San Francisco Law Library herewith presents his report for the eighth year following the earthquake and fire and the forty-seventh year in the history of the Library, ending June 30, 1914.

The Library has had a prosperous year. There were 2,737 volumes added during the year, the accessions covering all branches of legal literature. The most important accessions were the Records of the Circuit Court of Appeals and the Australian Statutes. During the year 391 volumes of Records of the Circuit Court of Appeals were added, making our set practically complete to date. There were also added a set of Australian Statutes. These have been often consulted. There are now 31,956 volumes in the library. Of the volumes added 62 were donated, 596 were records of the Supreme Court, District Courts of Appeal, and the Circuit Court of Appeals. The remainder were purchased. The donors were:

Board of Supervisors, Railroad Commission of California, Railroad Commission of Wisconsin, Public Utilities Commission of New York, Departments at Washington, D. C., A. F. St. Sure, Frank Shepard Company, American Bar Association, F. C. Drew, C. W. Slack.

The character of the books added is as follows:

Reports	574
Textbooks	589
Periodicals	250
Statutes	196
Digests and Indexes	92
Scotch and Irish Publications	21
Australian Publications	111
South African and East Indian Publications	24
Other Foreign Publications	10
Directories	12
Collected Cases	28
Encyclopedias	11
Government Publications	60
Trials	50
Citations	18
Dictionaries	9
Municipal Reports	33
Records	596
General Literary Works	53
Total	2,737

More particularly classified the accessions were as follows:

American Reports	389
American Textbooks	255
American Legal Periodicals	159
American Statutes	129
American Digests and Indexes	89
English Reports	151
English Textbooks	318
English Digests	1
English Statutes	40
English Legal Periodicals	75
Canadian Reports	34
Canadian Textbooks	16
Canadian Legal Periodicals	16
Canadian Digests	2
Canadian Statutes	27
Scotch Publications	9
Irish Publications (Reports)	8
Irish Legal Periodicals	4
Australian Reports	10
Australian Statutes	99
Australian Legal Periodicals	1
Australian Digests	1
South African Publications	4
East Indian Publications	20
Other foreign publications	10
Directories	12
Collected Cases	28
Encyclopedias	11
Government Publications	60
Trials	50
Citations	18
Dictionaries	9
Records of the Supreme Court	160
Records of the District Courts of Appeal	45
Records of U. S. Circuit Court of Appeals	391
General Literary Works	53
Municipal Reports	33
Total	2,737

The expenditures for the year were:

Books	$ 8,177.36
Insurance	607.50
Binding	886.90
Miscellaneous expense	184.92
Salaries	3,000.00
Total	$12,856.68

The items of expense are as follows:

American Reports	$ 967.63
American Textbooks	1,071.14
American Digests and Indexes	232.25
American Statutes	754.45
American Legal Periodicals	878.94

English Reports	512.10
English Textbooks	957.61
English Statutes	258.90
English Legal Periodicals	159.49
Canadian Reports	137.75
Canadian Textbooks	106.00
Canadian Digests	6.00
Canadian Statutes	170.75
Australian Reports	17.00
Australian Statutes	501.96
Scotch Publications	115.00
Irish Publications	34.50
South African Publications	14.87
East Indian Publications	104.75
Other Foreign Publications	34.85
Collected Cases	98.50
Encyclopedias	197.00
Citations	537.87
Trials	91.00
Directories	64.95
Dictionaries	26.50
General Literary Works	125.60
Insurance	607.50
Binding	886.90
Expressage, cartage and freight	37.90
Newspapers	52.25
Postage	16.75
Maps	.95
Printing and Stationery	20.25
Miscellaneous	56.82
Salaries	3,000.00
Total	$12,856.68

The income for the year was:

Dollar tax, rebate on insurance, etc.	$14,837.52

During the year the Library suffered the loss of James M. Allen. Mr. Allen was a trustee of the Library for many years, and his advice was a great help to the librarian. Although afflicted with bad health for some time prior to his death Mr. Allen always gave his counsel and his time cheerfully and willingly. His geniality and unvarying courtesy greatly endeared him to all who came into his presence. In his passing the Library has lost one of its best friends.

Respectfully submitted,

JAMES H. DEERING,
Secretary and Librarian.

Treasurer's Report

San Francisco, Cal., June 30, 1914.

Hon. James Rolph, Jr.,
Mayor of the City and County of San Francisco.

Dear Sir:—I herewith submit the Treasurer's Annual Report for the fiscal year of 1913-1914.

Respectfully yours,

JOHN E. McDOUGALD,
City and County Treasurer.

RECEIPTS.

City and County Funds.

Balance on Hand, per last Annual Report, June 30, 1913			$ 6,232,342.42
General Fund—			
Taxes		$ 7,307,633.35	
Police Court Fines Dept. No. 1	$12,148.00		
Police Court Fines Dept. No. 2	13,988.00		
Police Court Fines Dept. No. 3	13,588.00		
Police Court Fines Dept. No. 4	11,911.00	51,635.00	
City and County Licenses		1,259,561.25	
Rental of City Property		25,815.52	
House Building Permits		25,753.80	
Bill Board Permits		118.00	
Superior Court Fines		3,528.09	
Bank Interest		68,458.74	
Recorder—Desk Rentals		637.50	
Juvenile Court		11,748.72	
Relief Home for Aged and Infirm		1,040.60	
City and County Hospital		980.73	
City and County Hospital, Gift of Mr. and Mrs. Halter of Sheboygen, Wis.		246.07	
Isolation Hospital		207.75	
Auditor—			
State Lunacy Commission Fees	$ 470.00		
State Lunacy Fees, Lee Sing, Stockton State Hospital	29.00		
Refund from Catholic Humane Bureau	1,775.87	2,274.87	
Board of Fire Commissioners—			
Damage to Hydrants	$ 218.66		
Damage to Car No. 7 by U. R. R. Co.	65.00		
Electric Current furnished U. S. Government at Fort Mason by Pumping Station No. 2	276.68	560.34	
Coroner		221.01	
Playground Commission—			
Account North Beach Bath House		273.48	
Sheriff—			
Subsistence U. S. Prisoners		154.77	
City Treasurer—			
Duplicate Inheritance Tax Receipt	$ .50		
Fees in re Inheritance Taxes	1,534.12	1,534.62	
City and County Attorney—			
Impounded monies in re Pacific Gas & Electric Co. Litigation		10,405.53	
Police Court Bail Money—			
Transfer account B. Schweyer		25.00	

RECEIPTS—Continued

Mayor—		
Sale of Building J. R. No. 980	$ 47.50	
Sale of Shack Bldg. Res. No. 1040	114.00	
Sale of Shack Bldg. Res. No. 1108	14.25	
Sale of Shack Bldg. Res. No. 1137	137.75	
Sale of Junk at Corporation Yard and Drill Tower, No. 1181	724.04	
Sale of Old Auto, No. 1113	387.10	
Sale of Brass, Corporation Yard, No. 1181	510.46	
Sale of 7 Horses and Patrol, No. 1141	540.05	
Sale of Old Cast Iron, Sewer Dept., No. 1193	104.50	
Sale of Old Cables, Panels, Booth Plate, etc., J. R. No. 1203	309.36	2,889.01
Dept. of Public Works—		
Reimbursement account Stockton St. Tunnel Assessment per Res. No. 8941 Board of Supervisors preliminary investigating, spec., etc., amounting to	$ 220.42	
Mooser & St. Germain, sale building Jackson St., bet. Front and Davis	20.00	
United Light & Power Co., account repaving S. S. Market St., bet. 6th and 7th	142.30	
Use of Double Team and Driver removing stand Van Ness Ave.	6.50	
Ocean Shore R. R. account paving San Bruno Ave.	849.22	
Sale 173M Cobble to City St. Improvement Co.	190.30	
Marconi Wireless Tel. Co., Damage to 3rd St. Bridge	15.00	1,443.74
Board of Supervisors—		
Copies of B. J. Arnold's Report on Transportation	$ 59.75	
Copies of City Engineer's Report on Underground Water Supply	10.50	
Unexpended balance Officials' trip to Venice	30.00	
Unexpended balance Officials' trip over Spring Valley Water Properties	81.90	182.15
Stockton St. Tunnel Assessment Fund—Reimbursing Tax Collector for Postage and Clerical Work		167.00
Panama Pacific Int'l. Exp. Co.—		
Wages Engine Co. No. 46		8,813.70

RECEIPTS—Continued

Refund—		
Overpayment to Columbus S. & Loan Soc. account Protested Taxes		78.86
Tax Collector Commission—		
Poll Taxes Year 1913		22.00
Assessor Commission—		
Poll Taxes Year 1913		17,420.10
Public Administrator—		
Commission on State Money		67.63
State of California—		
Maintenance of Fire Boats, March, April, May and June, 1913	$19,223.69	
Support of Orphans to June, 1913	57,675.61	
Refund Taxes	35.19	
6% Comn. Assessor P. P. Taxes	957.87	
6% Comn. Assessor State P. P. Corp. Taxes	338.05	78,230.41
Franchise Percentage—		
United R. R. Co. year ending Dec. 31, 1912, various lines	$45,206.32	
United R. R. Co., Lessees of Gough St. Line	253.01	
Parnassus Ave. Ext.	1,128.22	
Parkside Traction Co.	1,584.20	
Presidio & Ferries R. R. Co.	708.31	
California St. Cable Ry. Co.— Hyde St. Line year ending Dec. 31, 1912	4,437.73	
Sanitary Reduction Works 1 year Interest per Res. No. 3330	17,500.00	
S. F. Electric Protective Co. year ending Dec. 31, 1913	12.52	70,830.31
Regular Transfers—from—		
Unapportioned Fee Fund	$ 266,540.18	
Police Relief and Pension Fund Annual Transfer	13,460.40	
General Fund 1912-13 Annual Transfer	1,053,690.31	
Advertising Fund Annual Transfer	11,899.85	
House Moving, Bd. of Works	27.35	
State of California, April Tax Error	.18	1,345,618.27
Resolution Transfers—from—		
Reserve Fund, Res. No. 10897	$ 48,971.20	
4½% Hospital-Jail Completion Bond Fund, 1913, J. R. No. 1321	23,468.88	
5% Municipal St. Ry. Bond Fund, 1913, J. R. No. 1321	42,020.94	114,461.02

RECEIPTS—Continued

Loan Transfers—from—		
Assessor $601,000.00		
3½% Library Bond, 1904..... 120,000.00		
5% Sewer Bond, 1908..... 100,000.00		
5% Garbage System Bd., 1908 85,000.00		
5% City Hall Bond, 1912..... 800,000.00	1,706,000.00	12,119,038.94
General Fund, 1914-15—		
Regular Transfer—from—		
General Fund, 1913-14, Balance end of Fiscal Year		1,399,203.52
Common School Fund—		
Taxes	1,093,094.04	
State School Money	694,430.67	
Rent of School Property.....	10,591.00	
Rent of Lincoln School Lots.....	86,940.00	
Sale of old Material, etc.....	173.96	
Loan Transfers—from—		
Assessor $147,500.00		
5% City Hall Bond, 1912..... 190,000.00	337,500.00	2,222,729.67
Teachers' Institute and Library Fund—		
Examinations and Certificate Fees.....		710.00
Unapportioned Fee Fund—		
Registrar	1,453.45	
Coroner	5.75	
Police Department	1,307.00	
Auditor	51.50	
Sheriff	30,045.30	
County Clerk—		
Sundry Fees $84,100.65		
Naturalization Fees per J. R. No. 1063 ..... 20,668.50	104,769.15	
Recorder	69,892.65	
Recorder, Marriage Licenses.....	6,329.00	
Justices' Clerk	29,306.00	
Department of Public Works.....	18,975.90	
Board of Health	1,188.25	
Department of Electricity.....	13,517.58	
Pound Keeper	5,580.65	282,422.18
Advertising Fund—		
Board of Supervisors.....	6,675.40	
Department of Public Works.....	4,491.50	
Board of Fire Commissioners.....	340.45	
Regular Transfers—from—		
Twin Peaks Tunnel Assessment Fund.....	392.50	11,899.85
Advertising Exemption Fund—		
Auditor	80.96	
Tax Collector	271.12	352.08

RECEIPTS—Continued

Library Fund—			
Taxes		94,504.92	
Fines, etc.		3,406.05	
Books lost and paid for		188.70	
Refund of Insurance Premium		38.25	98,137.92
Park Fund—			
Taxes		367,725.39	
Children's Quarters		32,374.40	
Beach Chalet		3,342.85	
Motorcycle Permits		26.00	
Rent Boat House		300.00	
Rent Japanese Tea Garden		600.00	
Refund—S. P. Co. Freight Bill		13.06	
Refund—L. Bernzott		4.50	
Refund— Eng., Skell Co.		2.95	
Sale of one Donkey		25.00	
Sale of Sundry Articles		19.50	
Sale of 14 Lambs		45.50	
Sale of 4 Buffalos to Courtney Ford		1,200.00	
Sale of Wool		82.84	
Sale of Empty Cement Sacks		234.35	
F. Rolandi—Use of Water		105.00	
Grizzly Club		5.00	
Pacific Gas & Electric Co., paid Freeman		40.00	
City St. Improvement Co.—Labor, Team, Oil		52.37	
Fidelity Deposit Co., account Consolidated Wave Co. Bond		150.00	
Balance from Sundry Park Receipts		260.89	
"Shorts"—Playgrounds, etc.		6.10	
F. Schmidt Shipment of Elk		63.75	
Deposit from Secretary's Revolving Fund		37.99	
California Academy of Science Sewer System		941.79	
United R. R. Co., Right of Way		100.00	
Resolution Transfers—from—			
General Fund Res. No. 10516	$ 6,000.00		
General Fund Res. No. 10886	120.00	6,120.00	
Loan Transfers—from—			
Assessor	25,000.00		
5% Garbage Bond Fund	32,000.00		
5% City Hall Bond Fund	75,000.00	132,000.00	545,879.23
Police Relief and Pension Fund—			
Contributions of Officers		21,802.00	
Rewards of Officers		230.00	
Fines of Officers		305.00	
Cash Unclaimed		606.53	
Property Sold at Auction		523.35	
Regular Transfers—from—			
Unapportioned Fee Fund		1,308.50	
General Fund account Licenses	64,814.60		
Police Court Fines	12,908.75	77,723.35	102,498.73

RECEIPTS—Continued

Firemen's Relief Fund—			
Taxes		83,998.49	
Loan Transfers—from—			
Assessor	10,000.00		
5% Garbage System Bond, 1908	6,000.00		
5% City Hall Bond, 1912	32,000.00	48,000.00	
Resolution Transfers—from—			
General Fund J. R. No. 1321		5,000.00	136,998.49
House Moving Board of Works—			
Permits			1,900.00
House Moving Department of Electricity—			
Permits			475.00
Special Badge Fund—			
Solicitors and Runners' Permits			355.00
Duplicate Tax Fund—			
Taxes		7,502.81	
Regular Transfers—from—			
Twin Peaks Tunnel Assessment Fund		1,181.41	8,684.22
Police Court Bail Money—			
Bail Deposited		646,490.00	646,490.00
Robinson Bequest Interest—			
Interest for year			2,000.00
Henri Windel Bequest Fund—			
Residue after Bond Investment		95.65	
Refund of Accrued Interest		124.44	220.09
Henri Windel Bequest Interest Fund—			
Interest on Bonds			893.59
Special Permit Fund—			
Sidewalk and Street Space			67,071.00
Tearing Up Streets Fund—			
Side Sewer Permits			67,562.15
Excavation Fund—			
Street Opening Permits		18,890.95	
Resolution Transfers—from—			
General Fund—Sundry Resolutions		500.00	19,390.95
Assessor—			
Personal Property Taxes—Unapportioned		963,068.49	
Returned Loan Transfers—from—			
General Fund	601,000.00		
Common School Fund	147,500.00		
Park Fund	25,000.00		
Firemen's Relief Fund	10,000.00	783,500.00	1,746,568.49

RECEIPTS—Continued

State of California—			
Taxes		261,553.62	
Poll Taxes		98,727.30	
Redemption of Property Sold to State		3,700.58	
Inheritance Tax		571,223.11	
School Teachers' Permanent Fund		15,941.63	
Public Administrator		6,695.72	
Maintenance—			
Eldridge (Home for Feeble Minded Children)	26,460.00		
Preston School of Industry	7,411.06		
Whittier Reform School	427.24		
California School for Girls Whittier	92.04	34,390.34	992,232.30
Polk St. Re-grade Assessment Fund—			
Assessments			61,671.69
Overpayment Corporation Taxes—			
Resolution Transfers—from—			
Assessor State P. P. Corp. Taxes			1,043.76
City Hall Premium Fund—			
Returned Loan Transfer—from—			
5% City Hall Bond, 1912	148,482.60		
5% City Hall Bond, 1912, Interest	94,000.00	242,482.60	
Regular Transfers—from—			
5% City Hall Bond, 1912, Premuim on Sales		3,335.20	245,817.80
Water Works Fund—			
Net Rentals			4,576.86
Municipal Ry.—Geary St. Division—			
Passenger Receipts		647,319.28	
Rental No. 875 Presidio Ave		206.85	
Broken Windows, lost keys, etc		6.85	
Earned Interest on Investment in City and County Bonds, Res. No. 10342		3,546.39	
Chartered Car		5.00	
Transfers (with U. R. R. Co.) Larkin and Kearny Lines		1,525.04	
Sale of old iron brake shoes		414.20	
Advertising		1,000.00	
Resolution Transfers—from—			
5% Municipal St. Ry. Bond Fund in re Loan account Presidio & Ferries R. R. Co.		50.000.00	704,023,61
Municipal Ry.—Union St. Division—			
Passenger Receipts		189,185.22	
Broken Windows		2.50	
Advertising		348.39	189,536.11

RECEIPTS—Continued

Stockton St. Tunnel Assessment Fund—		
Assessments	57,465.94	
Assessments City and County of San Francisco (Reserve Fund)	48,971.20	106,437.14
Stockton St. Tunnel Interest Fund—		
Regular Transfer—from—		
Stockton St. Tunnel Assessment Fund		13,159.98
Stockton St. Tunnel Assessment Redemption Fund—		
Certificate of Sale		314.84
Twin Peaks Tunnel Assessment Fund—		
Assessments	1,188,423.11	
Auction Sales—Delinquent Assessments	8,702.65	1,197,125.76
Twin Peaks Tunnel Assessment Interest Fund—		
Regular Transfer—from—		
Twin Peaks Tunnel Assessment Fund		31,226.61
Twin Peaks Tunnel Redemption Fund—		
Sundry Certificates of Sales		756.02
Investment Fund—		
Resolution Transfer—from—		
4½% Geary St. Ry. Bond, 1910	200,000.00	
Refund of 4½% Water Supply Bonds, 1909 Redeemed	40,000.00	
Refund of Accrued Interest on Investment in City and County Bonds	1,789.11	
Redemption by City and County:		
3½% Park Ext. Bond, 1908 8,000.00		
3½% Mission Park Bond, 1904 7,300.00		
5% Schools Bond, 1908 24,000.00		
5% Hospital Bond, 1908 15,000.00	54,300.00	
Above Transactions all authorized under Res. No. 10342		296,089.11
Denman Medal Fund—		
Bequest by James Denman, Deceased, et al	3,000.00	
Interest on Investment in City Bonds	92.92	3,092.92
A. C. Widber Defficiency—		
Transferred from—		
General Fund Budget Item No. 8, 1913-14		6,964.00
Relief Home Tract—		
Sale to Walter H. Leimert of portion of Relief Home Tract	120,000.00	
Refund from Wells Fargo & Co. account Shortage in Acreage	3,830.00	123,830.00
Reserve Fund—		
Resolution Transfer—from—		
Municipal Ry.—Union St. Division, Res. No. 10896		48,971.20

RECEIPTS—Continued

Vulcan St. Extension Fund—		
Assessments		1,314.30
3½% Library Bond, 1904—		
Returned Loan Transfers—from—		
General Fund	120,000.00	
5% Schools Bond, 1908	25,000.00	
5% Hospital Bond, 1908	60,000.00	205,000.00
3½% Schools Bond 1904—		
Sale of Bonds		172,100.00
3½% Sewers Bond 1904—		
Sale of bonds	31,000.00	
Sale (City and County Investment Fund)	150,200.00	
Junipero Serra Boulevard per Res. No. 10858, Baldwin and Howell 13,000.00		
Spring Valley Water Co. 2,500.00	15,500.00	196,700.00
4½% Geary St. Ry. Bond 1910—		
Sale of Building J. R. No. 971	33.25	
Sale of Scrap Steel Rails, J. R. No. 1067	49.55	
Transfers from 4½% Market St. Ry. Bond 1910 per Instructions Finance Committee Board of Supervisors	1,180.15	
Returned Loan Transfers—from—		
5% Schools Bond 1908 31,000.00		
5% Hospital Bond 1908 81,460.00	112,460.00	113,722.95
4½% Polytechnic High Bond 1910—		
Sale of Bonds		80,000.00
4½% Hetch Hetchy (Water) Bond 1910—		
Sale of Bonds	147,000.00	
Sale of Copies of J. R. Freeman's Report	200.19	
Unexpended Balance trip Los Angeles	6.00	147,206.19
4½% Hospital-Jail Completion Bond 1913—		
Sale of Bonds		661,000.00
5% Fire Protection Bond 1908—		
Panama-Pacific International Exposition Co. to cover cost of high pressure connection	500.00	
U. S. Government power from Fort Mason Station	422.42	
Sale of Scrap Cast Iron	4,085.85	
Returned Loan Transfer—from—		
5% Hospital Bond 1908	28,000.00	33,008.27
5% Sewers Bond 1908—		
Sale of Bonds	400,000.00	
Returned Loan Transfer—from—		
General Fund	100,000.00	500,000.00

RECEIPTS—Continued

5% School Bond 1908—		
Sale of Bonds		
Par	600,000.00	
Premium	21.00	
Loan Transfer—from—		
4½% Geary St. Ry. Bond 1910	6,000.00	606,021.00
5% Hospital Bond 1908—		
Sale of Bonds		285,000.00
5% Garbage System Bond 1908—		
Sale of Bonds—(from Investment Fund)	8,000.00	
Returned Loan Transfers—from—		
General Fund 85,000.00		
Park Fund 32,000.00		
Firemen's Relief Fund 6,000.00	123,000.00	131,000.00
5% City Hall Bond 1912—		
Sale of Bonds—Par	2,332,000.00	
Premium	3,335.20	
Net Rentals Civic Center Property	9,130.52	
Mayor: Net Proceeds from Sales of Buildings as hereunder:		
Heald's Business College, J. R. No. 845 2,517.50		
Marye Building J. R. No. 1149 1,045.00		
Mayre Building Sidewalk Material 47.50		
Astor Hotel J. R. No. 1184 1,425.00		
Welsbach Bldg. J. R. No. 1208 736.25		
Scottish Hall J. R. No. 1235 950.00		
Hersko Bldg. J. R. No. 1277 285.00	7,006.25	
Resolution Transfers—from—		
City Hall Premium Fund J. R. No. 901	39,245.13	
Returned Loan Transfers—from—		
General Fund 800,000.00		
Common School Fund 190,000.00		
Park Fund 75,000.00		
Firemen's Relief Fund 32,000.00	1,097,000.00	3,487,717.10
5% Municipal St. Ry. Bond 1913—		
Sale of Bonds		
Par	1,802,500.00	
Premium	18,333.88	1,820,833.88
3½% Hospital Interest Fund—		
Taxes	1,053.30	
State Tax Refund	115.46	1,168.76
3½% Schools Interest Fund—		
Taxes	27,337.91	
State Tax Refund	923.72	
Accrued Interest	452.75	28,714.38

RECEIPTS—Continued

3½% Streets Interest Fund—		
Taxes	19,972.84	
State Tax Refund	1,616.52	21,589.36
3½% Jail Interest Fund—		
Taxes	3,682.56	
State Tax Refund	404.14	4,086.70
3½% Library Interest Fund—		
Taxes	18,444.61	
State Tax Refund	1,270.12	19,714.73
3½% Playground Interest Fund—		
Taxes	18,394.23	
State Tax Refund	2,020.66	20,414.89
3½% Park Ext. Interest Fund—		
Taxes	7,882.49	
State Tax Refund	866.00	8,748.49
3½% Mission Park Interest Fund—		
Taxes	6,834.52	
State Tax Refund	750.52	7,585.04
4½% Water Supply Interest Fund—		
Taxes	6,325.07	
State Tax Refund	692.80	7,017.87
4½% Geary St. Railway Interest Fund—		
Taxes	38,613.65	
State Tax Refund	2,020.66	
Resolution Transfer—from—		
Municipal St. Ry., Geary St. Division, per J. R. No. 1172	17,500.00	
Municipal St. Ry., Geary St. Division, per J. R. No. 1321	25,000.00	83,134.31
4½% Market St. Railway Interest Fund—		
Taxes	5,226.71	
Regular Transfer—from—		
4½% Geary St. Ry. Interest Fund	943.36	6,170.07
4½% Polytechnic Interest Fund—		
Taxes	26,780.83	
Accrued Interest	485.75	27,266.58
4½% Hetch Hetchy Water Interest Fund—		
Taxes	50,441.53	
Accrued Interest	1,434.65	51,876.18
4½% Hospital-Jail Interest Fund—		
Taxes	22,474.84	
Accrued Interest	11,545.76	34,020.60
5% Fire Protection Interest Fund—		
Taxes	219,239.59	
State Tax Refund	21,014.80	240,254.39

RECEIPTS—Continued

5% Sewer Interest Fund—		
Taxes	166,622.54	
State Tax Refund	13,047.64	
Accrued Interest	7,287.90	
Regular Transfer—from—		
5% Exposition Interest Fund	125.00	187,083.08
5% Schools Interest Fund—		
Taxes	207,616.23	
State Tax Refund	14,548.70	
Accrued Interest	8,580.59	230,745.52
5% Hospital Interest Fund—		
Taxes	80,429.97	
State Tax Refund	5,369.16	
Accrued Interest	2,244.15	88,043.28
5% Hall of Justice Interest Fund—		
Taxes	40,481.62	
State Tax Refund	3,002.12	43,483.74
5% Garbage Interest Fund—		
Taxes	32,604.42	
State Tax Refund	3,579.44	36,183.86
5% City Hall Interest Fund—		
Taxes	437,116.85	
Accrued Interest	26,873.57	
Loan Transfer—from—		
5% City Hall Premium Fund	94.000.00	557,990.42
5% Exposition Interest Fund—		
Taxes	274,600.82	
Regular Transfer—from—		
5% Sewer Interest Fund	1,250.00	275,850.82
5% Municipal St. Railway Interest Fund—		
Accrued Interest	11,906.17	
Resolution Transfer—from— Municipal St. Ry.-Union St. Div. J. R. No. 1321	33,000.00	44,906.17
3½% Hospital Redemption Fund—		
Taxes	21,026.13	
State Tax Refund	2,309.32	23,335.45
3½% Sewer Redemption Fund—		
Taxes		181,803.85
3½% Schools Redemption Fund—		
Taxes	81,968.80	
State Tax Refund	9,006.34	90,975.14

RECEIPTS—Continued

3½% Streets Redemption Fund—		
Taxes	36,783.13	
State Tax Refund	4,041.32	40,824.45
3½% Jail Redemption Fund—		
Taxes	15,762.32	
State Tax Refund	1,731.98	17,494.30
3½% Library Redemption Fund—		
Taxes	37,828.49	
State Tax Refund	4,156.78	41,985.27
3½% Playground Redemption Fund—		
Taxes	16,812.96	
State Tax Refund	1,847.46	18,660.42
3½% Park Ext. Redemption Fund—		
Taxes	7,357.14	
State Tax Refund	808.26	8,165.40
3½% Mission Park Redemption Fund—		
Taxes	6,306.52	
State Tax Refund	692.80	6,999.32
4½% Water Supply Redemption Fund—		
Taxes	90,904.58	
State Tax Refund	9,987.80	100,892.38
4½% Polytechnic High Redemption Fund—		
Taxes	24,565.52	
Regular Transfer—from—		
4½% Polytechnic High Interest Fund	486.93	25,052.45
5% Garbage Redemption Fund—		
Taxes	46,241.57	
State Tax Refund	4,214.50	50,456.07
5% Hall of Justice Redemption Fund—		
Taxes	46,244.21	
State Tax Refund	3,233.04	49,477.25
5% Hospital Redemption Fund—		
Taxes	92,493.79	
State Tax Refund	5,542.36	98,036.15
5% Schools Redemption Fund—		
Taxes	189,206.69	
State Tax Refund	11,662.06	200,868.75
Total		$41,162,392.81

DISBURSEMENTS.

City and County Funds.

General Fund, 1912-13—			
Regular Transfer—to—			
General Fund, 1913-14, balance end of fiscal year			$ 1,053,690.31
General Fund, 1913-14—			
Demands paid		$8,894,767.97	
Superior Court Orders		22,760.10	
Regular Transfers—to—			
Police Relief and Pension Fund, account Licenses	$ 64,814.60		
Police Court Fines	12,908.75	77,723.35	
General Fund, 1914-15—			
Transfer of balance end of fiscal year		1,399,203.52	
Resolution Transfers—to—			
Excavation Fund	500.00		
Park Fund	6,120.00		
A. C. Widber Deficiency Fund, Budget Item No. 8, 1913-14	6,964.00	13,584.00	
Returned Loan Transfers—to—			
Firemen's Relief Fund	5,000.00		
Assessor Account	601,000.00		
3½% Library Bond Fund	120,000.00		
5% Sewer Bond Fund	100,000.00		
5% Garbage Bond Fund	85,000.00		
5% City Hall Bond Fund	800,000.00	1,711,000.00	12,119,038.94
Common School Fund—			
Demands paid		1,885,621.01	
Returned Loan Transfers—to—			
Assessor Account	147,500.00		
5% City Hall Bond Fund	190,000.00	337,500.00	2,223,121.01
Teachers' Institute and Library Fund—			
Demands paid			524.52
Unapportioned Fee Fund—			
Demands paid		16,422.20	
Regular Transfers—to—			
General Fund	266,540.18		
Police Relief and Pension Fund	1,308.50	267,848.68	284,270.88
Advertising—			
Regular Transfer—to—			
General Fund, 1913-14, annual transfer			11,899.85

DISBURSEMENTS—Continued

Advertising Redemption Fund—			
Demands paid			333.96
Park Fund—			
Demands paid		419,529.57	
Returned Loan Transfers—to—			
Assessor Account	25,000.00		
5% Garbage Bond Fund	32,000.00		
5% City Hall Bond Fund	75,000.00	132,000.00	551,529.57
Library Fund—			
Demands paid			92,626.38
Police Relief and Pension Fund—			
Annual Transfer—to—			
General Fund, 1913-14		13,460.40	
Demands paid		97,224.00	110,684.40
Firemen's Relief Fund—			
Demands paid		91,591.51	
Returned Loan Transfers—to—			
Assessor Account	10,000.00		
5% Garbage Bond Fund	6,000.00		
5% City Hall Bond Fund	32,000.00	48,000.00	139,591.51
House Moving, Board of Works—			
Demands paid		2,002.65	
Regular Transfer—to—			
General Fund		27.35	2,030.00
House Moving, Department of Electricity—			
Demands paid			371.70
Special Badge Fund—			
Demands paid			320.00
Duplicate Tax Fund—			
Demands paid			6,614.48
Police Court Bail Money—			
Demands paid			654,085.00
Robinson Bequest Interest Fund—			
Demands paid			2,000.00
Henri Windel Bequest Interest Fund—			
Demands paid			493.59
Special Permit Fund—			
Demands paid			80,437.00
Tearing Up Streets Fund—			
Demands paid			69,308.37
Excavation Fund—			
Demands paid			3,177.96

DISBURSEMENTS—Continued

Assessor Account—			
Loan Transfers—to—			
General Fund	601,000.00		
Common School Fund	147,500.00		
Park Fund	25,000.00		
Firemen's Relief Fund	10,000.00	783,500.00	
Annual Apportionment to			
Sundry Funds	836,237.91		
State of California	15,964.54	852,202.45	1,635,702.45
State of California—			
Net Taxes		190,251,02	
Tax Collector Special (Sales)		1,265.68	
Redemption of Property Sold to State		3,700.58	
Poll Taxes		98,458.20	
Inheritance Tax		571,223.11	
Refund Taxes, Section No. 3,804		35.19	
6% Commission on Assessor, Per. Prop. Tax.		957.87	
6% Commission on Assessor, State P. P. Corp. Taxes		338.05	
Treasurer's Mileage		72.00	
Public Administrator		6,695.72	
School Teachers' Permanent Fund		8,367.63	
State School Money		69,174.35	
Whittier Reform School		474.08	
Preston School of Industry		7,507.87	
Eldridge Home Feeble Minded Children		28,810.00	
Regular Transfer—to—			
General Fund—Feb.			
Penalty on Corporation Taxes		.18	987,331.53
Polk-St. Regrade Assessment—			
Demands paid			50,623.75
Overpayment Corporation Taxes—			
Demands paid			944.17
City Hall Premium Fund—			
Demands paid		878.00	
Resolution Transfer—to—			
5% City Hall Bond Fund, J. R. No. 901	39,245.13		
Loan Transfer—to—			
5% City Hall Interest Fund	194,000.00	133,245.13	134,123.13
Exposition Premium—			
Demands paid			1,500.00
Water Works—			
Demands paid			5,395.42
Municipal Railway—Geary-st. Division—			
Demands paid		288,624.24	
Presidio and Ferries R. R. Co., per Res. No. 10,582		50,000.00	

DISBURSEMENTS—Continued

Resolution Transfers—to—			
4½% Geary-st. Ry. Interest, per J. R. No. 1,172	17,500.00		
4½% Geary-st. Ry. Interest, per J. R. No. 1,321	25,000.00	42,500.00	381,124.24
Municipal Railway—Union-st. Division—			
Demands paid		81,027.70	
Resolution Transfers—to—			
Reserve Fund, Res. No. 10,896	48,971.20		
5% Municipal St. Ry. Interest, J. R. No. 1,321	33,000.00	81,971.20	162,998.90
Stockton-st. Tunnel Assessment Fund—			
Demands paid		248,398.77	
Regular Transfer—to—			
Stockton-st. Tunnel Interest Account		13,159.98	261,558.75
Twin Peaks Tunnel Assessment Fund—			
Demands paid		4,881.49	
Regular Transfers—to—			
Twin Peaks Tunnel Assessment Fund Interest	31,226.61		
Duplicate Tax Fund	1,181.41		
Advertising	392.50	32,800.52	37,682.01
Investment Fund—			
Purchases of City and County Bonds for Investment and Redemption Purposes, as follows—Authorized by Resolution No. 10,342:			
3½% G. G. Park and Presidio Ext., 04	8,000.00		
3½% Mission Park, 04	7,300.00		
3½% Sewers	150,200.00		
4½% Water Supply, 1909	40,000.00		
5% Hospital	30,000.00		
5% Schools	48,000.00		
5% Garbage	8,000.00	291,500.00	
Accrued Interest on above		1,789.11	293,289.11
Relief Home Tract—			
Demands paid			113,273.63
Denman Medal Fund—			
Investment in 5% City Hall Bond			3,000.00
Reserve Fund—			
Resolution Transfer—to—			
General Fund, Res. No. 10,876			48,971.20
3½% Library Bond, 1904—			
Demands paid		8,886.25	
Loan Transfer—to—			
General Fund		120,000.00	128,886.25

DISBURSEMENTS—Continued

3½% Schools Bond, 1904—			
Demands paid			161,720.95
3½% Sewers Bond, 1904—			
Demands paid			208,406.45
3½% Streets Bond, 1904—			
Demands paid			217.02
4½% Geary-st. Ry. Bond, 1910—			
Demands paid		151,284.57	
Resolution Transfer—to—			
Investment Fund, Res. No. 10,342		200,000.00	
Loan Transfer—to—			
5% Schools Bond, 1908		6,000.00	357,284.57
4½% Market-st. Ry. Bond, 1910—			
Demands paid		44,859.86	
Transferred to 4½% Geary-st. Ry. Bond Fund, as per instructions Finance Committee		1,180.15	46,040.01
4½% Polytechnic High Bond, 1910—			
Demands paid			189,820.06
4½% Hetch Hetchy (Water) Bond, 1910—			
Demands paid			54,243.06
4½% Hospital-Jail Completion Bond, 1913—			
Demands paid		28,684.73	
Resolution Transfer—to—			
General Fund, J. R. No. 1,321		23,468.88	52,153.61
5% Fire Protection Bond, 1908—			
Demands paid			180,290.05
5% Sewer Bond, 1908—			
Demands paid		273,792.09	
Loan Transfer—to—			
General Fund		100,000.00	373,792.09
5% Schools Bond, 1908—			
Demands paid		132,211.61	
Returned Loan Transfers—to—			
3½ Library Bond, 1904	25,000.00		
4½% Geary-st. Ry. Bond, 1910	31,000.00	56,000.00	188,211.61
5% Hospital Bond, 1908—			
Demands paid		123,471.28	
Returned Loan Transfers—to—			
3½% Library Bond, 1904	60,000.00		
4½% Geary-st. Ry. Bond, 1910	81,460.00		
5% Fire Protection Bond, 1908	28,000.00	169,460.00	292,931.28

DISBURSEMENTS—Continued

5% Garbage System Bond, 1908—			
Demands paid		15,495.81	
Loan Transfer—to—			
General Fund	85,000.00		
Park Fund	32,000.00		
Firemen's Relief Fund	6,000.00	123,000.00	138,495.81
5% City Hall Bond, 1912—			
Demands paid		1,095,073.47	
Regular Transfer—to—			
City Hall Premium Fund, Premium on Bond Sales		3,335.20	
Loan Transfers—to—			
General Fund	800,000.00		
Common School Fund	190,000.00		
Park Fund	75,000.00		
Firemen's Relief Fund	32,000.00	1,097,000.00	
Returned Loan Transfer—to—			
City Hall Premium Fund		148,482.60	2,343,891.27
5% Municipal St. Ry. Bond, 1913—			
Demands paid		553,009.51	
Resolution Transfers—to—			
Municipal Ry.—Geary-st. Div. Loan account Presidio and Ferries R. R. Co. Loan returned per Res. No. 10,712		50,000.00	
Final payment to Presidio and Ferries R. R. Co		262,346.73	
Resolution Transfer—to—			
General Fund, J. R. No. 1,321		42,020.94	907,377.18
3½% Hospital Interest Fund—			
Coupons paid			1,312.50
3½% Streets Interest Fund—			
Coupons paid			22,074.50
3½% Schools Interest Fund—			
Coupons paid			26,356.75
3½% Jail Interest Fund—			
Coupons paid			4,567.50
3½% Library Interest Fund—			
Coupons paid			13,665.75
3½% Playground Interest Fund—			
Coupons paid			20,396.25
3½% Park Ext. Interest Fund—			
Coupons paid			9,040.50

DISBURSEMENTS—Continued

3½% Mission Park Interest Fund—		
Coupons paid		8,048.25
4½% Water Supply Interest Fund—		
Coupons paid		9,990.00
4½% Geary-st. Ry. Interest Fund—		
Coupons paid	86,445.00	
Regular Transfer—to—		
4½ Market-st. Ry. Bond Inst	943.36	87,388.36
4½% Market-st. Ry. Interest Fund—		
Coupons paid		2,610.00
4½% Polytechnic Interest Fund—		
Coupons paid	23,962.50	
Regular Transfer—to—		
4½% Polytechnic Redemption Fund	486.93	24,449.43
4½% Hetch Hetchy (Water) Interest Fund—		
Coupons paid		50,017.50
4½% Hospital-Jail Interest Fund—		
Coupons paid		14,107.50
5% Fire Protection Interest Fund—		
Coupons paid		260,250.00
5% Sewer Interest Fund—		
Coupons paid	189,375.00	
Regular Transfer—to—		
5% Exposition Interest Fund	1,250.00	190,625.00
5% Schools Interest Fund—		
Coupons paid		234,600.00
5% Hospital Interest Fund—		
Coupons paid		90,150.00
5% Hall of Justice Interest Fund—		
Coupons paid		46,250.00
5% Garbage System Interest Fund—		
Coupons paid		36,750.00
5% City Hall Interest Fund—		
Coupons paid	300,150.00	
Returned Loan Transfer—to—		
City Hall Premium Fund	94,000.00	394,150.00
5% Exposition Interest Fund—		
Coupons paid	241,050.00	
Regular Transfer—to—		
5% Sewer Bond, 1908, Interest	125.00	241,175.00

DISBURSEMENTS—Continued

3½% Hospital Redemption Fund—	
Bonds redeemed	25,000.00
3½% Sewer Redemption Fund—	
Bonds redeemed	181,200.00
3½% Schools Redemption Fund—	
Bonds redeemed	89,800.00
3½% Streets Redemption Fund—	
Bonds redeemed	40,500.00
3½% Jail Redemption Fund—	
Bonds redeemed	17,400.00
3½% Library Redemption Fund—	
Bonds redeemed	41,100.00
3½% Playground Redemption Fund—	
Bonds redeemed	18,500.00
3½% Park Ext. Redemption Fund—	
Bonds redeemed	8,200.00
3½% Mission Park Redemption Fund—	
Bonds redeemed	7,300.00
4½% Water Supply Redemption Fund—	
Bonds redeemed	112,000.00
4½% Polytechnic High Redemption Fund—	
Bonds redeemed	25,000.00
5% Garbage System Redemption Fund—	
Bonds redeemed	50,000.00
5% Hall of Justice Redemption Fund—	
Bonds redeemed	50,000.00
5% Hospital Redemption Fund—	
Bonds redeemed	100,000.00
Total	$29,701,403.78
Balance Cash on Hand, June 30, 1914	11,460,989.03
Total	$41,162,392.81

BALANCE SHEET—CITY AND COUNTY FUNDS, FISCAL YEAR 1913-14.

Funds.	Credits: Cash Balance June 30, 1913	Credits: Receipts	Credits: Transfers	Disbursements: Disbursements	Disbursements: Transfers	Cash Balance June 30, 1914
General, 1912-13	$1,053,690.31	$	$	$	$1,053,690.31	$
General, 1913-14		8,952,959.65	3,166,079.29	8,917,528.07	3,201,510.87	
General, 1914-15			1,399,203.52			1,399,203.52
Common School	391.34	1,885,229.67	337,500.00	1,885,621.01	337,500.00	
Teachers' Institute and Library	1,109.51	710.00		524.52		1,294.99
Unapportioned Fee	24,644.19	282,422.18		16,422.20	267,848.68	22,795.49
Advertising		11,507.35	392.50		11,899.85	
Advertising Redemption	10.10	352.08		333.96		28.22
Park	37,400.78	407,759.23	138,120.00	419,529.57	132,000.00	31,750.44
Library	45,470.62	98,137.92		92,626.38		50,982.16
Police Relief and Pension	34,545.60	23,466.88	79,031.85	97,224.00	13,460.40	26,359.93
Firemen's Relief	4,796.77	83,998.49	53,000.00	91,591.51	48,000.00	2,203.75
House Moving, Board of Works	430.00	1,900.00		2,002.65	27.35	300.00
House Moving, Dept. of Elecy	1,343.46	475.00		371.70		1,446.76
Special Badge	999.00	355.00		320.00		1,034.00
Duplicate Tax	12,801.66	7,502.81	1,181.41	6,614.48		14,871.40
Police Court Bail Money	27,964.50	646,490.00		654,085.00		20,369.50
Robinson Bequest	250.00					250.00
Robinson Bequest Interest	500.00	2,000.00		2,000.00		500.00
Henri Windel Bequest		220.09				220.09
Henri Windel Bequest Interest		893.59		493.59		400.00
Special Permit	57,369.75	67,071.00		80,437.00		44,003.75
Tearing Up Streets	10,821.07	67,562.15		69,308.37		9,074.85
Excavation	3,493.20	18,890.95	500.00	3,177.96		19,706.19
Assessor	818,709.16	963,068.49	783,500.00	852,202.45	783,500.00	929,575.20
State of California	29,969.53	992,232.30		987,331.35	.18	34,870.30
Beale St. Assessment	493.50					493.50
Polk St. Re-grade Assessment		61,671.69		50,623.75		11,047.94

Vulcan St. Extension Assessment		1,314.30				1,314.30
Overpayment Corporation Taxes	66.66	1,043.76		944.17		166.25
City Hall Premium	1,500.00		245,817.80	878.00	133,245.13	113,194.67
Exposition Premium	1,500.00			1,500.00		
Water Works	3,138.21	4,576.86		5,395.42		2,319.65
Municipal Ry. Geary St. Div.	82,412.81	654,023.61	50,000.00	338,624.24	42,500.00	405,312.18
Municipal Ry. Union St. Div.		189,536.11		81,027.70	81,971.20	26,537.21
Stockton St. Tunnel Assessment	157,296.04	106,437.14		248,398.77	13,159.98	2,174.43
Stockton St. Tunnel Interest	8,800.11		13,159.98			21,960.09
Stockton St. Tunnel Redemption		314.84				314.84
Twin Peaks Tunnel Assessment		1,197,125.76		4,881.49	32,800.52	1,159,443.75
Twin Peaks Tunnel Interest			31,226.61			31,226.61
Twin Peaks Tunnel Redemption		756.02				756.02
Investment		96,089.11	200,000.00	293,289.11		2,800.00
Denman Medal		3,092.92		3,000.00		92.92
Relief Home Tract		123,830.00		113,273.63		10,556.37
A. C. Widber Deficiency			6,964.00			
Reserve			48,971.20		48,971.20	
3½% Library Bond, 1904	38,497.88		205,000.00	8,886.25	120,000.00	114,611.63
3½% Street Bond, 1904	2,325.89			217.02		2,108.87
3½% Schools Bond, 1904	45,852.74	172,100.00		161,720.95		56,231.79
3½% Sewers Bond, 1904	193,895.22	196,700.00		208,406.45		182,188.77
4½% Geary St. Ry. Bond, 1910	307,545.41	82.80	113,640.15	151,284.57	206,000.00	63,983.79
4½% Market St. Ry. Bd., 1910	69,000.00			44,859.86	1,180.15	22,959.99
4½% Plytchnc. High Bd., 1910	241,135.95	80,000.00		189,820.06		131,315.89
4½% Hetch Hetchy (Water) Bond, 1910	157,412.49	147,206.19		54,243.06		250,375.62
4½% Hospital - Jail Completion Bond, 1913		661,000.00		28,684.73	23,468.88	608,846.39
5% Fire Protection Bond, 1908	195,241.74	5,008.27	28,000.00	180,290.05		47,959.96
5% Sewers Bond, 1908	253,353.04	400,000.00	100,000.00	273,792.09	100,000.00	379,560.95
5% Schools Bond, 1908	799.60	600,021.00	6,000.00	132,211.61	56,000.00	418,608.99
5% Hospital Bond, 1908	16,315.71	285,000.00		123,471.28	169,460.00	8,384.43

BALANCE SHEET, CITY AND COUNTY FUNDS, FISCAL YEAR 1913-1914—Continued

Funds.	Credits: Cash Balance June 30, 1913	Credits: Receipts	Credits: Transfers	Disbursements: Disbursements	Disbursements: Transfers	Cash Balance June 30, 1914
5% Hall of Justice Bond, 1908..	2,044.13					2,044.13
5% Garbage System Bond, 1908	247,013.13	8,000.00	123,000.00	15,495.81	123,000.00	239,517.32
5% City Hall Bond, 1912.....	486,856.39	2,351,471.97	1,136,245.13	1,095,073.47	1,248,817.80	1,630,682.22
5% Municipal St. Ry. Bd., 1913		1,820,833.88		815,356.24	92,020.94	913,456.70
3½% Hospital, Interest	963.94	1,168.76		1,312.50		820.20
3½% Schools, Interest	21,475.38	28,714.38		26,356.75		23,833.01
3½% Streets, Interest	12,550.41	21,589.36		22,074.50		12,065.27
3½% Jail, Interest	3,064.92	4,086.70		4,567.50		2,584.12
3½% Library, Interest	24,593.71	19,714.73		18,665.75		30,642.69
3½% Playground, Interest	12,871.59	20,414.89		20,396.25		12,890.23
3½% Park Extension, Interest..	5,400.11	8,748.49		9,040.50		5,108.10
3½% Mission Park, Interest.....	5,103.90	7,585.04		8,048.25		4,640.69
4½% Water Supply, Interest....	8,452.00	7,017.87		9,990.00		5,479.87
4½% Geary St. Ry., Interest....	46,167.34	40,634.31	42,500.00	86,445.00	943.36	41,913.29
4½% Market St. Ry., Interest..	609.14	5,226.71	943.36	2,610.00		4,169.21
4½% Polytechnic High, Interest	19,178.73	27,266.58		23,962.50	486.93	21,995.88
4½% Hetch Hetchy (Water) Int.	69,007.21	51,876.18		50,017.50		70,865.89
4½% Hospital-Jail Comp., Int...		34,020.60		14,107.50		19,913.10
5% Fire Protection, Interest.....	170,536.04	240,254.39		260,250.00		150,540.43
5% Sewer, Interest	132,939.52	186,958.08	125.00	189,375.00	1,250.00	129,397.60
5% Schools, Interest	163,615.72	230,745.52		234,600.00		159,761.24
5% Hospital, Interest	62,529.61	88,043.28		90,150.00		60,422.89
5% Hall of Justice, Interest.....	27,354.48	43,483.74		46,250.00		24,588.22
5% Garbage System, Interest.....	30,805.43	36,183.86		36,750.00		30,239.29
5% City Hall, Interest.....	32,184.63	463,990.42	94,000.00	300,150.00	94,000.00	196,025.05
5% Exposition, Interest	43,837.28	274,600.82	1,250.00	241,050.00	125.00	78,513.10
5% Municipal St. Ry., Interest..		11,906.17	33,000.00			44,906.17
3½% Hospital, Redemption	26,229.32	23,335.45		25,000.00		24,564.77
3½% Sewer, Redemption	186,679.62	181,803.85		181,200.00		187,283.47

3½% Schools, Redemption	95,738.66	90,975.14		89,800.00		96,913.80
3½% Streets, Redemption	43,236.81	40,824.45		40,500.00		43,561.26
3½% Jail, Redemption	18,664.44	17,494.30		17,400.00		18,758.74
3½% Library, Redemption	43,739.36	41,985.27		41,100.00		44,624.63
3½% Playground, Redemption ..	19,568.89	18,660.42		18,500.00		19,729.31
3½% Park Extension, Redemp.	9,253.43	8,165.40		8,200.00		9,218.83
3½% Mission Park, Redemption	7,855.84	6,999.32		7,300.00		7,555.16
4½% Water Supply, Redemp.....	17,116.04	100,892.38		112,000.00		6,008.42
4½% Polytechnic High, Redemp.		24,565.52	486.93	25,000.00		52.45
5% Garbage System, Redemption	52,178.41	50,456.07		50,000.00		52,634.48
5% Hall of Justice, Redemption	51,201.74	49,477.25		50,000.00		50,678.99
5% Hospital, Redemption	102,395.73	98,036.15		100,000.00		100,431.88
5% Schools, Redemption		200,868.75				200,868.75
	6,246,306.58					11,467,989.19
Less Debit—						
A. C. Widber Defic'y. Account	13,964.16					7,000.16
Total	$6,232,342.42	$26,491,211.66	$8,438,838.73	$21,262,565.05	$8,438,838.73	$11,460,989.03

Treasurer's Office, City and County of San Francisco, July 31, 1914.

JOHN E. McDOUGALD,
Treasurer.

S. S. SMITH,
Bookkeeper.

OUTSTANDING BANK DEPOSITS.

June 30, 1914.

French American Bank of Savings, San Francisco	$ 125,000.00
Donohue Kelly Banking Corp., San Francisco	50,000.00
First National Bank, San Francisco	101,250.00
First Federal Trust Co., San Francisco	142,250.00
Portuguese American Bank, San Francisco	51,000.00
Bank of Commerce, Oakland	10,000.00
Italian American Bank, San Francisco	157,000.00
Livermore Valley Savings Bank	6,800.00
First National Bank, Berkeley	50,000.00
Bank of Sausalito	5,500.00
First National Bank, Livermore	14,000.00
California National Bank, Sacramento	57,000.00
A. Mierson Banking Corp., Placerville	12,500.00
Stirling City Bank	12,000.00
Bank of Yolo, Woodland	50,000.00
Central Savings Bank, Lodi	12,500.00
Alameda Savings Bank	60,000.00
National Bank of Northern California, Redding	11,250.00
First National Bank, Salinas	14,000.00
First National Bank, Fresno	36,000.00
Contra Costa County Bank, Pittsburg	7,500.00
The Mission Bank, San Francisco	35,000.00
Farmers & Merchants Bank, Livermore	11,500.00
Livermore Savings Bank	8,500.00
National Bank of D. O. Mills & Co., Sacramento	36,250.00
San Ramon Valley Bank, Walnut Creek	14,250.00
Petaluma National Bank	40,000.00
Central Savings Bank, Oakland	35,000.00
First National Bank, Auburn	6,250.00
Alameda National Bank	8,500.00
Farmers' Bank, Wheatland	18,000.00
First Trust & Savings Bank, Oakland	20,000.00
Bank of California-National Assn, San Francisco	112,500.00
South Berkeley Bank	18,750.00
First National Bank, Sonora	34,000.00
Auburn Savings Bank	12,500.00
Peoples States Bank, Turlock	9,200.00
City Savings Bank, Santa Cruz	20,000.00
Union National Bank, Fresno	24,000.00
First National Bank, Healdsburg	9,000.00
National Bank of Tulare	14,000.00
Calistoga National Bank	5,500.00
Wells Fargo Nevada National Bank, San Francisco	700,000.00
Santa Rosa National Bank	28,000.00
First National Bank, Dixon	9,500.00
Commercial & Savings Bank, Stockton	45,000.00
Merchants National Bank, San Francisco	406,500.00
Sacramento Valley Trust Co	34,500.00
Redding Savings Bank	3,500.00
Homestead Savings Bank, Berkeley	8,000.00
Salinas City Bank	27,000.00

OUTSTANDING BANK DEPOSITS—Continued

Del Norte County Bank, Crescent City	7,500.00
Ferndale Bank	9,500.00
Union Trust Co., San Francisco	443,750.00
Union National Bank, San Luis Obispo	6,000.00
Bank of Gilroy	10,000.00
Northern California Bank of Savings, Marysville	18,750.00
First National Bank, Fort Bragg	23,750.00
First National Bank, Merced	6,700.00
Yolo County Savings Bank, Woodland	20,000.00
Citizens Bank, Nevada City	23,000.00
Anglo & London Paris National Bank, San Francisco	600,000.00
Mutual Savings Bank, San Francisco	225,000.00
Petaluma Savings Bank	32,500.00
First National Bank, Sebastopol	26,340.00
Dairymen Bank, Valleyford	17,500.00
Bank & Trust Co., Tomales	18,000.00
First National Bank, Pleasanton	5,400.00
Bank of Italy, San Francisco	259,000.00
Anglo California Trust Co., San Francisco	206,000.00
Bank of Central California, Fresno	7,000.00
First National Bank, Coalinga	3,500.00
Seaboard National Bank, San Francisco	90,000.00
First National Bank, San Pedro	7,000.00
Savings Bank, St. Helena	12,500.00
Marine Trust & Savings Bank, San Francisco	27,000.00
Sonoma County National Bank, Petaluma	56,000.00
International Banking Corp., San Francisco	64,500.00
Santa Rosa Bank	55,000.00
The California Savings Bank, Petaluma	21,000.00
Bank of Loleta	5,500.00
Bank of Sunnyvale	5,000.00
Vallejo Commercial Bank	22,500.00
First National Bank, Napa	7,500.00
The Healdsburg National Bank	9,000.00
The First National Bank, Palo Alto	10,000.00
Mercantile National Bank	200,000.00
California Savings Bank, Sacramento	15,000.00
Petaluma Swiss American Bank	30,000.00
Monterey County Bank, Salinas	10,000.00
The Healdsburg Savings Bank	5,500.00
Bank of Ukiah	13,000.00
Butte County National Bank, Chico	25,000.00
	$5,400,440.00

TREASURER'S REPORT, SPECIAL AND UNAPPORTIONED FUNDS FISCAL YEAR ENDING JUNE 30, 1914.

RECEIPTS

SPECIAL AND UNAPPORTIONED FUNDS

Balance as per last Annual Report, June 30, 1913		$ 289,993.05
Tax Collector Taxes	$10,944,175.34	
Tax Colelctor Commission	23.00	
Tax Collector Special	9,273.97	
Assessor Poll Taxes	98,658.30	
Assessor Commission	17,409.70	
Assessor Personal Property Taxes	963,068.49	
Assessor State P. P. Corp'n Taxes	5,469.14	
Redemption of property sold to State	40,174.22	
Inheritance Taxes	502,953.00	
County Clerk Special	136,265.99	
School Teachers' A. & R. Fund	6,190.88	
Absent Heirs	2,291.80	
State Tax Refund	130,476.48	
State School Money	102,110.77	
Public Alministrator	6,763.35	12,965,304.43
		$13,255,297.48

DISBURSEMENTS

Tax Collector Taxes	$10,911,290.18	
Tax Collector Commission	22.00	
Tax Collector Special	6,247.72	
Assessor Poll Taxes	98,658.30	
Assessor Commission	17,420.10	
Assessor Personal Property Taxes	963,068.49	
Assessor State P. P. Corp'n Taxes	6,677.99	
Inheritance Taxes	589,596.28	
Redemption of property sold to State	52,184.57	
County Clerk Special	139,445.87	
State School Money	108,133.93	
School Teachers' A. & R. Fund	9,837.07	
State Tax Refund	130,476.48	
Absent Heirs	1,035.87	
Public Administrator	7,054.90	
	13,041,149.75	
Balance Cash on Hand June 30, 1914	214,147.73	
		$13,255,297.48

RECAPITULATION

BALANCES, SPECIAL AND UNAPPORTIONED FUNDS, JUNE 30, 1914

Tax Collector Taxes	$ 89,298.93
Tax Collector Special	3,026.25
Tax Collector Commission	3.00
Redemption of Property Sold to State	6,590.81
Assesor Commission	16,775.20
Assessor State P. P. Tax	5,243.37
Inheritance Tax	13,640.02
Teachers' A. & R. Fund	70.85
Special Redemption Taxes	485.35
County Clerk Special	31,381.15
Absent Heirs	6,300.10
Public Administrator	13,212.71
Absent Creditors	90.15
State School Money	28,029.84
	$ 214,147.73

Treasurer's Office, City and County of San Francisco.

JOHN E. McDOUGALD, Treasurer.

S. S. SMITH, Bookkeeper.

Sheriff's Report

FINANCIAL STATEMENT FOR THE FISCAL YEAR ENDING JUNE 30, 1914.

SUBSISTENCE.		SHERIFF'S EXPENSE.	
1913.		1913.	
July	$ 3,649.26	July	$ 121.85
August	3,168.33	August	201.60
September	3,054.70	September	127.25
October	4,408.34	October	113.75
November	3,852.06	November	106.35
December	4,358.70	December	145.20
1914.		1914.	
January	4,656.16	January	156.30
February	3,616.41	February	359.59
March	4,007.58	March	187.25
April	3,687.90	April	153.60
May	3,385.53	May	261.85
June	3,301.95	June	172.15
	$45,146.92		$ 2,106.74

Subsistence Expenditure	$45,146.92
Subsistence Allowance	44,400.00
Subsistence Overdrawn	$,746.92
Sheriff's Expense Allowance	$ 2,500.00
Sheriff's Expense Expenditure	2,106.74
Sheriff's Expense Credit	$ 393.26
Subsistence Overdrawn	$ 746.92
Sheriff's Expense Credit	393.26
Total Overdrawn Subsistence and Sheriff's Expense	$ 353.66

SUPPLEMENTARY NOTATION.

The Sheriff, at the request of the United States Marshal, fed sixty-seven Chinamen for seven days while awaiting deportation to China. He was paid the sum of $154.77, which amount was paid into the City Treasury and should be deducted from the deficit of Subsistence, $746,92. This would reduce same to $592.15.

The Sheriff's salary account shows a surplus of $1,184.02.

FREDERICK EGGERS,
Sheriff.

MOVEMENT OF JAIL POPULATION.

	Men	Women	Total
Number in Jail July 1, 1913	290	23	313
Number received during the year 1913-1914	2,921	199	3,120
Total Prisoners for the Year	3,211	222	3,433
Sent to State Prisons	205	2	207
Sent to Reform Schools	21	0	21
Served sentence in jail	1,687	155	1,842
Released on Habeas Corpus, etc	11	0	11
Released on Probation	214	4	218
Acquitted on Trial	64	3	67
Escaped	22	0	22
Died	5	0	5
Insane, sent to State Hospitals	18	3	21
Otherwise removed from jail	651	26	677
Total passed out	2,898	193	3,091
Number in Jail June 30, 1914	313	29	342

NUMBER OF INMATES AT MIDNIGHT JUNE 30, 1914.

	Men	Women
Awaiting Trial	95	5
Serving Jail Sentence	206	22
Sentenced to State Prison	12	2
Sentenced to Reform School	0	0
Total	313	29

FELONY PRISONERS AND THEIR CHARGES CONFINED AT COUNTY JAIL NO. 1 ON JUNE 30, 1914, AT MIDNIGHT.

Attempt Grand Larceny	1
Grand Larceny	12
Murder	9
Forgery	4
Burglary	24
Pimping	1
Robbery	18
Ordered into custody	4
Obtaining money by false prtenses	2
Intent to commit rape	1
Embezzlement	2
Pandering	2
Assault with deadly weapon	1
Making and passing a fictitious instrument	4
Miscellaneous sections of the Penal Code	20
Assault with an intent to commit murder	1
Assault with an intent to commit robbery	2
Attempt to commit burglary	2
Omitting to provide for a minor child	3
Petit larceny with prior	1
Total	114

MISDEMEANOR PRISONERS AND THEIR CHARGES CONFINED AT COUNTY JAILS NO. 2 AND 3 ON JUNE 30, 1914, AT MIDNIGHT.

Begging	17
Petit larceny	40
Violating State poison law	36
Battery	7
Assault with a deadly weapon	13
Vagrancy	44
Indecent exposure	6
Simple assault	1
Drunk in a public place	25
Malicious mischief	1
Carrying a concealed weapon	3
Violating miscellaneous of Penal Code	3
Obtaining money by false pretenses	4
Attempt to commit burglary	5
Disturbing the peace	4
Omitting to provide for a minor child	1
Cruelty to animals	1
Lewd and indecent act and behavior	10
Burglar tools in possession	1
Keeping an opium place	3
Attempt to commit grand larceny	1
Defrauding an innkeeper	1
Selling liquor without a license	1
Total Jails No. 2 and 3	228
Total Jail No. 1	114
Total all jails	342

MISDEMEANOR PRISONERS COMMITTED DURING THE FISCAL YEAR ENDING JUNE 30,. 1914, AND THEIR OFFENSES.

Simple Assault	4
Begging	225
Battery	73
Contempt of Court	4
Carrying a concealed weapon	31
Disturbing the peace	104
Defrauding an innkeeper	14
Drunk in a public place	369
Discharging firearms in city limits	1
Indecent exposure	18
Lewd and indecent act	14
Malicious mischief	35
Petit larceny	203
Obtaining money by false pretenses	11
Obtaining goods by false pretenses	1
Soliciting prostitution	2
Vagrancy	535
Violating State Poison law	275
Burglar tools in possession	2
Violating miscellaneous ordinances of Board of Supervisors	35
Miscellaneous offenses	22
Violation of parole	7
Transferred from Jail No. 1 to No. 2	65
Recaptured	11
Embezzlement	8
Cruelty to Animals	6
Received from labor at City Prison	15
Visiting an opium place	11
Held en route	29
Cruelty to a minor child	3
Keeping a house of ill fame	1
Evading payment of railroad fare	5
Total	2,139

MISDEMEANOR PRISONERS DISCHARGED DURING THE FISCAL YEAR ENDING JUNE 30, 1914.

Discharged by term expired	673
Discharged on payment of fine	36
Delivered to United States Marshal for transfer	1
Discharged by bail, bail bond, or habeas corpus	10
Discharged by order of court	1
Died	5
Escaped	20
Paroled	442
Transferred to insane asylums	18
Discharged by credits	898
Released on O. R.	1
Held en route	29
Total	2,132
Prisoners on hand June 30, 1914	228
Recapitulation	2,360

FELONY PRISONERS COMMITTED DURING THE FISCAL YEAR ENDING JUNE 30, 1914, AND THEIR OFFENSES.

Assault with a deadly weapon	21
Assault with intent to commit murder	24
Attempt to commit burglary	9
Burglary	190
Attempt to commit grand larceny	8
Grand larceny	87
Riot	5
Embezzlement	17
Forgery	24
Omitting to provide for a minor child	55
Infamous crime against nature	2
Murder	21
Making and passing a fictitious instrument	30
Obtaining money by false pretenses	-
Petit larceny with a prior	2
Ordered into custody	88
Robbery and assalt to commit robbery	97
Rape and assault to commit rape	28
Threats against life	2
Abandonment and neglect of wife	3
Receiving Stolen Property	1
Pandering	10
Assault with an intent to do great bodily injury	1
Violating State Poison law with a prior	3
Pimping	17
Violating miscellaneous sections of Penal Code	67
Received from San Quentin	4
Received from Folsom	1
Detained as witnesses	4
Bigamy	2
Violating Section No. 28 of Juvenile Court law	10
Incest	2
Held en route	43
Living in a state of cohabitation and adultery	1
False impersonation	1
Perjury	2
Manslaughter	2
Seduction under promise of marriage	1
Total	789
Prisoners on hand July 1, 1913	91
Recapitulation	880

FELONY PRISONERS DISCHARGED DURING THE FISCAL YEAR ENDING JUNE 30, 1914.

Delivered to United States Marshal for transfer	6
Discharged by bail, bail bond, or habeas corpus	74
Discharged by order of court	2
Acquitted	66
Discharged on motion of District Attorney	17
San Quentin	174
Folsom	33
Preston School	21
Escaped	2
Transferred to insane asylums	3
Turned over to Sheriff of other counties	4
Released on O. R.	24
Transferred from Jail No. 1 to 2	65
Probation	222
Fined and released	6
Turned over to Police Department	2
Turned over to Juvenile Detention Home	3
Held en route	38
Released as witness	3
Died	1
Total	766
Prisoners on hand June 30, 1914	114
Recapitulation	880

Note:—One of the felony prisoners who escaped, namely, David E. Allison, was shot dead on December 28, 1913, by Deputy Classen while evading recapture in Auburn, Calif.

MISDEMEANOR PRISONERS COMMITTED DURING THE FISCAL YEAR ENDING JUNE 30, 1914, AND THEIR OCCUPATIONS.

Occupations	Number	Occupations	Number
Actors	3	Laundrymen	31
Agents	2	Miners	61
Attorney at law	1	Machinists	64
Bellhop	7	Molders	10
Bakers	19	Musicians	9
Barbers	37	Merchants	8
Blacksmiths	11	Milliners	5
Bartenders	10	Motormen	3
Bookkeepers	4	Miscellaneous mechanics	28
Boiler-makers	16	Moving picture operators	3
Bricklayers	4	Masons	5
Butchers	17	Newsboys	9
Box-makers	8	Nurses	10
Cooks	132	No occupations	30
Clerks	49	Newspapermen	4
Carpenters	50	Painters	67
Cabinet makers	1	Peddlers	23
Chauffeurs	9	Porters	26
Coopers	2	Printers	26
Cigar-makers	11	Plumbers	20
Capitalist	1	Plasterers	9
Dishwashers	14	Photographers	2
Doctors	6	Railroad men	15
Decorators	2	Salesladies	4
Domestics	43	Sporting women	4
Dressmakers	10	Seamstress	4
Druggist	1	Sailors	84
Electricians	15	Shoemakers	23
Engineers	14	Salesmen	25
Factory girls	4	Stonecutters	1
Firemen	25	Stevedores	16
Fishermen	5	Soldiers	10
Farmers	8	Stablemen	12
Florists	5	Stewards	4
Glassworkers	4	Steamfitters	4
Glovemakers	1	Shinglers	4
Gardeners	9	Tinsmiths	13
Gasfitters	2	Teamsters	101
Hostlers	7	Tailors	35
Hatters	1	Telephone operators	1
Harness-makers	4	Tailoress	2
Horseshoers	1	Undertakers	2
Housewives	69	Upholsterers	10
Housework	23	Veterinary surgeon	1
Ironworkers	19	Waitresses	17
Janitors	7	Waiters	105
Laborers	461	Woodworkers	10
Lineman	1	Watchmen	4
Lumbermen	7		
Longshoremen	13	Total occupations	2,139

ANNUAL JAIL STATISTICS FOR FISCAL YEAR ENDING JUNE 30, 1914.
(Road Work.)

Month of July, 1913—

Total number of men employed	492
Total number of teams employed	72
Total number of loads hauled	753
Total number of days' labor	23½

Note:—The following is for grading Farallone and San Jose avenues and grading sidewalk located at Silver avenue and Mission street.

Note.—There was two of the Road Guards on their vacation during the month, namely James W. O'Connor from July 1, 1913 to July 15, 1913, inclusive, and Dennis Hanson from July 16, 1913 to July 30, 1913, inclusive.

Month of August, 1913—

Total number of men employed	369
Total number of teams employed	57
Total number of days labor	23½
Total number of loads hauled	440

Note.—The above is for hauling rock from quarry and spreading on new road from Ocean Ave. to the Jail lane, also for grading Ocean Ave.

Note.—There was two of the road guards on their vacation during the month, namely Peter Michel and Harry G. Reed from Aug. 13, 1913, to Aug. 30, 1913, inclusive. Also Mr. Jas. W. O'Connor, road guard relieved Mr. Arthur Beirne and Mr. Harry C. Reed relieved Mr. John Murray on their vacations from Aug. 16, 1913, to Aug. 30, 1913, inclusive.

Month of September, 1913—

Total number of men employed	394
Total number of teams employed	70
Total number of days labor	22
Total number of loads hauled	700

Note.—The above is for hauling rock from quarry and spreading on new road from Ocean Ave. to the Jail Lane, grading Ocean Ave. and hauling rock from Glen Park quarry to San Jose Ave., filling in the sidewalk adjoining Balboa Park.

Note.—There were two of the road guards on their vacations during the month, namely Mr. Anthony Quill and Mr. Henry Dorgeloh from Sept. 16, 1913 to Sept. 30, 1913, inclusive.

Month of October, 1913—

Total number of men employed	292
Total number of teams employed	57
Total number of days labor	23
Total number of loads hauled	320

Note.—The above is for hauling rock from Glen Park quarry to the Jail Lane, drilling rock in the quarry at Balboa Park and hauling rock from Glen Park quarry to San Jose Ave.

Month of November, 1913—

Total number of men employed	377
Total number of teams employed	54
Total number of days labor	15½
Total number of loads hauled	210

Note.—The above is for hauling rock from Glen Park quarry to the Jail Lane, and drilling rock in quarry in Balboa Park.

Note.—The number of days labor is rather small owing to the amount of rain which we had during the month. During the rainy days the road guards were placed in various positions in Jails No. 1, 2 and 3.

Month of December, 1913—

Total number of men employed	649
Total number of teams employed	62
Total number of days labor	20½
Total number of loads hauled	823

Note.—The above is for hauling rock from Glen Park quarry to new road from Ocean Ave. to the Jail Lane, making walk through the Jail field, filling in ditches on Choryuga Ave., and grading Lakeview Ave. and quarrying rock.

Month of January, 1914—

Total number of men employed	347
Total number of teams employed	32
Total number of days labor	11
Total number of loads hauled	174

Note.—The above is for grading Lakeview Ave., hauling rock from Glen Park quarry to new road in Jail No. 3, hauling rock to repair Bostwick Ave., grading and hauling sand at Plymouth and Grafton Aves.

Note.—The number of days labor was small on the account of rain and the road guards were employed in various positions in Jails No. 1, 2 and 3.

Month of February, 1914—

Total number of men employed	468
Total number of teams employed	52
Total number of days labor	17½
Total number of loads hauled	677

Note.—The above was for grading Lakeview Ave., and Louisburg St., working quarry and hauling sand. The number of days labor was small owing to the rain and the road guards were employed in Jails No. 1, 2 and 3.

Month of March, 1914—

Total number of men employed	725
Total number of teams employed	74
Total number of days labor	22½
Total number of loads hauled	783

Note.—The above was for grading the following streets and avenues, Lakeview Ave., Louisburg St., Magra St., Mt. Vernon St., Houth St.. Niagara St., and Geneva St.

Month of April, 1914—

Total number of men employed	697
Total number of teams employed	74
Total number of days labor	23½
Total number of loads hauled	740

Note.—The above is for working quarry, grading Edna Ave., Phelan Ave., Wyoming St., grading crossing on Delano and Ocean Ave., and grading road around Jail.

Month of May, 1914—

Total number of men employed	410
Total number of teams employed	67
Total number of days labor	24
Total number of loads hauled	561

Note.—The above was for grading Phelan Ave. and Edna St.

Report of Chief of Police

REPORT OF D. A. WHITE, CHIEF OF POLICE OF THE CITY AND COUNTY OF SAN FRANCISCO, FOR THE FISCAL YEAR ENDING JUNE 30th, 1014.

To the Honorable James Rolph, Jr.,
Mayor of the City and County of San Francisco, State of California.

Sir:—In compliance with Section 9, Article XVI of the Charter, I submit herewith the Annual Report of the Police Department for the fiscal year ending June 30th, 1914.

Very Respectfully,

D. A. WHITE, Chief of Police.

EXHIBIT "A."

STRENGTH OF THE POLICE DEPARTMENT AND SUMMARY OF ACTION TAKEN BY THE BOARD OF POLICE COMMISSIONERS IN THE TRIAL OF COMPLAINTS AGAINST MEMBERS THEREOF DURING THE FISCAL YEAR ENDING JUNE 30th, 1914.

BOARD OF POLICE COMMISSIONERS JUNE 30, 1914.

Max J. Kuhl	Commissioner and President of the Board
Jesse B. Cook	Commissioner
Theodore J. Roche	Commissioner
Thomas E. Shumate	Commissioner

CHARLES F. SKELLY, Secretary.

NUMERICAL STRENGTH OF THE POLICE DEPARTMENT JUNE 30, 1914.

Police Commissioners	4
Secretary, Police Commissioners	1
Secretary, Pension Fund Commissioners	1
Police Surgeon	1
Police Stenographers	3
Telephone Operators	4
Matrons, City Prison	4
Cook, City Prison	1
Hostlers	9
Engineers	3
Patrol Wagon Drivers	26
Police Protective Women	3
Confidential Clerk	1
Chief of Police	1
Chief Clerk	1
Property Clerk	1
Captain of Detectives	1
Captains of Police	9
Lieutenants of Police	18
Detective Sergeants	25
Sergeants of Police	53
Corporals of Police	57
Police Officers	747
Total	974

APPOINTMENTS AND REMOVALS DURING THE YEAR ENDING JUNE 30th, 1914.

Police Officers, appointed	72
Police Officers, dismissed	5
Police Officers, retired	31
Police Officers, died	13
Police Officers, restored	1
Police Officers, resigned	5
Police Surgeon, died	1
Police Surgeon, appointed	1
Stenographers, appointed	8
Stenographers, resigned	2
Stenographers, dismissed	3
Women Protective Officers, appointed	3
Confidential Clerk, appointed	1
Patrol Drivers, dismissed	2
Patrol Drivers, appointed	1
Telephone Operators, resigned	1
Telephone Operators, appointed	1

ACTION TAKEN BY BOARD IN TRIAL OF MEMBERS OF THE POLICE FORCE ON CHARGES DURING THE YEAR ENDING JUNE 30, 1914.

Number of complaints filed	47
Number of complaints sustained by dismissal from department	5
Number of complaints sustained by fines	8
Number of complaints sustained by reprimand	8
Number of complaints dismissed	26
Aggregate amount of fines	$275.00

RANK OF THE DEPARTMENT AND THE ANNUAL SALARY ATTACHED TO EACH.

Commissioners	$1,200.00
Secretary to Commissioners	1,500.00
Stenographer to Commissioners	1,800.00
Police Surgeon	1,500.00
Chief of Police	4,000.00
Captain of Detectives	3,000.00
Captains of Police	2,400.00
Chief Clerk	2,400.00
Property Clerk	2,400.00
Lieutenants of Police	1,920.00
Detective Sergeants	1,800.00
Seageants of Police	1,680.00
Corporals of Police	1,560.00
Patrolmen	1,464.00
Engineers on Patrol Boat	1,500.00
Patrol Wagon Drivers	1,200.00
Hostlers	1,080.00
Prison Cook	1,200.00
Prison Matrons	1,020.00
Telephone Operators	900.00
Police Protective Women	1,200.00
Stenographers	1,200.00
Confidential Clerk	2,400.00

NUMBER OF LICENSED PLACES.

	June 30, 1913.	June 30, 1914.
Retail Liquor	2,068	2,058
Auctioneers	48	57
Intelligence Offices	59	61
Pawn Brokers	62	64
Second Hand and Junk Dealers	159	275
Kinetoscopes	61	79
Panoramas	3	1
Museums	2	1
Skating Rinks	2	1
Detective Agencies	11	14
Shooting Galleries	18	14
Guides	25	16
Liquor Dealers (1 day)	.....	506
Peddlers, average per quarter	.....	488
Junk Gatherers	116	139
Solicitors	43	45
Motormen	520	605
Drivers	137	77
Billiard Parlors	85	410
Special Police Officers	562	610
Liquor Dealers (Sealed Package)	.....	2,154

POLICE STATIONS AND THEIR LOCATIONS.

Name of Station.	Location.
Central Station	Hall of Justice
Bush Street Station	N. Side Bush, bet. Polk and Van Ness
O'Farrell Street Station	2117 O'Farrell Street
Southern Station	Fourth near Clara Streets
Park Station	Golden Gate Park, opp. Waller Street
Potrero Station	S.W. 20th, and Kentucky Street
Bay View Station	1676 Newcomb Avenue
Mission Station	Seventeenth and Division Streets
Ingleside Station	Ocean and San Jose Avenue
Harbor Station	Drumm and Commercial Streets
North End Station	2476 Greenwich Street
Richmond Station	453 Sixth Avenue

NUMBER OF ARRESTS.

	1913	1914
Total Number of Arrests	37,333	38,615

ESTIMATED VALUE OF PROPERTY LOST OR STOLEN AND OF PROPERTY RECOVERED DURING FISCAL YEAR ENDING JUNE 30, 1914.

	Lost or Stolen	Property Recovered
1913—July	$ 14,785.15	$ 6,500.60
August	18,379.80	9,310.50
September	17,551.85	6,343.15
October	21,320.20	7,823.40
November	30,078.00	8,475.31
December	34,741.25	6,831.75
1914—January	32,540.05	9,303.25
February	27,335.10	5,356.65
March	22,831.95	6,395.72
April	19,752.05	32,636.08
May	17,637.25	8,438.20
June	38,404.35	29,558.20
	$295,347.00	$136,972.81

NOTE.—The large amount of recovery stated in the month of April, 1914, is due to the fact of uncovering an $18,000.00 alleged burglary in the apartments of Mrs. Rosa A. Brown, 1256 Bush street, July 29th, 1912.

The large amount of recovery stated in the month of June, 1914, is due to the recovery of jewelry, the property of the A. Samuels Company, stolen by Joseph Fischler, now under arrest.

The following is a statement of the amount realized on the sale of unclaimed property in the hands of the Property Clerk since the last annual report as provided under Section 3, Chapter VIII, Article VIII of the Charter.

Cash Taken from Packages	$ 562.14	
Result of Auction Sale	728.45	
Total		$1,290.00

DISBURSEMENTS.

Auctioneer's Commission at 7%	54.65	
Advertising Sale in Chronicle	6.00	
Advertising Sale in Examiner	6.40	
Advertising Sale in Call	6.40	
Advertising Sale in Bulletin	8.00	
1000 Post Cards Notice of Sale	4.50	
		85.95
Net Cash Paid City Treasurer		$1,204.64

REPORT OF BUREAU OF IDENTIFICATION, PHOTOGRAPHS AND DESCRIPTION OF CRIMINALS ON HAND JUNE 30th, 1914.

Photographs and descriptions of Local Criminals	26,741
Photographs and descriptions from San Quentin	27,559
Photographs and descriptions from Folsom	9,146
Photographs, Foreign, including United States, Canada, Europe	38,861
Total in Bureau	102,307

WORK PERFORMED IN BUREAU.

Photographs and Bertillion measurements taken	1,063
Fingerprints taken	7,441
Photographs and measurements received	7,485
Fingerprints received	1,865
Indentifications made	573
Circulars received	2,569
Circulars prepared and sent out	10,625
Letters received and acted upon	638
Letters written by this Bureau	122

REPORT

OF

Police Relief and Pension Fund Commissioners

To the Honorable James Rolph, Jr.,
Mayor of the City and County of San Francisco.

Sir.—In compliance with Section IX, Article XVI, of the Charter of the City and County of San Francisco, the Board of Police Relief and Pension Fund Commissioners herewith present and submit their report for the fiscal year ending June 30th, 1914

The Board of Police Relief and Pension Fund Commissioners as now constituted consist of the following:

Max J. Kuhl ..... President
Thomas E. Shumate ..... Commissioner
Theodore J. Roche ..... Commissioner
Jesse B. Cook ..... Commissioner

The following members of the Police Department of the City and County of San Francisco were retired from active service and pensioned by the Board of Police Relief and Pension Fund Commissioners during the fiscal year, 1913 and 1914, under the provisions of Chapter X of Article VIII of the Charter:

NAME	Section Under	Amount per Month	RANK	Date of Retirement
Wilson D. Scott	1 and 2	$60.00	Police Officer	July 7, 1913
James Welch	1 and 2	60.00	Police Officer	July 7, 1913
Fred. F. Brown	1 and 2	60.00	Police Officer	July 7, 1913
Fred. W. Dasmann	1 and 2	60.00	Police Officer	July 7, 1913
Patrick S. Hagerty	1 and 2	64.00	Corporal	July 7, 1913
Martin Lyons	1 and 2	64.00	Corporal	July 7, 1913
Patrick O'Donnell	1 and 2	64.00	Corporal	Oct. 20, 1913
Harvey E. Johnstone	1 and 3	60.00	Police Officer	Jan. 5, 1914
John R. O'Connor	1 and 3	79.00	Lieutenant	Jan. 14, 1914
Henry E. Colby	1 and 2	99.00	Captain	April 6, 1914
Thomas S. Duke	1 and 3	99.00	Captain	April 6, 1914
M. O. Anderson	1 and 3	99.00	Captain	April 6, 1914
Chas. P. Bush	1 and 2	69.00	Sergeant	April 6, 1914
John Duncan	1 and 2	69.00	Sergeant	April 6, 1914
Patrick A. Mahoney	1 and 2	69.00	Sergeant	April 6, 1914
John W. Moffitt	1 and 2	69.00	Sergeant	April 6, 1914
John Rainsbury	1 and 3	69.00	Sergeant	April 6, 1914
John D. Adams	1 and 2	64.00	Corporal	April 6, 1914
Tim. F. Connolly	1 and 2	60.00	Police Officer	April 6, 1914
Thomas R. Egan	1 and 3	60.00	Police Officer	April 6, 1914
Miles J. Filben	1 and 3	60.00	Police Officer	April 6, 1914
Thos. F. Fitzpatrick	1 and 3	60.00	Police Officer	April 6, 1914
William Henneberry	1 and 2	60.00	Police Officer	April 6, 1914
Wm. Thomas Hooper	1 and 2	60.00	Police Officer	April 6, 1914
Benjamin Kaskell	1 and 2	60.00	Police Officer	April 6, 1914
Solomon Sandman	1 and 2	60.00	Police Officer	April 6, 1914
John J. Tillman	1 and 3	60.00	Police Officer	April 6, 1914
John Phelan	1 and 3	60.00	Police Officer	April 6, 1914
John Prendergast	1 and 3	60.00	Police Officer	April 6, 1914
Matthew A. Collins	1 and 3	60.00	Police Officer	April 6, 1914
Thomas F. Slattery	1 and 3	60.00	Police Officer	April 7, 1914

The following pensioners died during the fiscal year 1913 and 1914:

NAME	Under Section	Amount	RANK	Date of Retirement	Date of Death
Arnop Bainbridge....	1 and 2	$74.00	Dect Sergeant	July 3, 1907	Sept. 7, 1913
Jas. O'Connor.....	1 and 2	60.00	Police Officer	April 1, 1912	July 16, 1913
John B. Martin.....	1 and 3	99.00	Captain	Mar. 26, 1908	Oct. 11, 1913
Patrick McDonough	4 and 5	50.00	Police Officer	Sept. 30, 1899	Nov. 27, 1913
Thos. J. Cavanaugh..	1 and 3	50.00	Police Officer	Jan. 21, 1907	Nov. 1, 1913

The following persons, not members of the Department, were granted a pension during the fiscal year 1913-1914.

May Wood, widow of Police Officer Byron C. Wood, $60.00 per month.

Annie O'Keefe, widow of Police Officer Eugene P. O'Keefe, $60.00 per month.

The following persons, not members of the Department, were granted relief during the fiscal year 1913-1914.

Hannah O'Shea, widow of Police Officer John F. O'Shea, under Section VI, Chapter 10 of Article VIII of the Charter; $550.00.

Lizzie Mullender, widow of Police Officer William J. Mullender, under Section VI, Chapter 10 of Article VIII of the Charter, $520.00

Angeline M. Holmes, widow of Police Officer Alfred E. Holmes, under Section VI, Chapter 10 of Article VIII of the Charter, $484.00

Katherine Kenny, daughter of Police Officer Michael Kenny, under Section VI, Chapter 10, of Article VIII of the Charter, $334.00.

Katherine E. Leonard, widow of Police Officer Ed. F. Leonard, under Section VI, Chapter 10, Article VIII of the Charter, $684.00.

Lulu Hook, widow of Police Officer Harry Hook, under Section VI, Chapter 10, Article VIII of the Charter, $736.00.

Nellie Martien, widow of Police Officer Albert L. Martien, under Section VI, Chapter 10, Article VIII of the Charter, $272.00.

POLICE RELIEF AND PENSION ROLL FOR THE FISCAL YEAR ENDING JUNE 30, 1914.

NAME.	Section Under	Amount	Rank.	Date when Retired.
Dunlevy, Andrew J	1 and 2	99.00	Captain of Police	May 4, 1904
Colby, Henry H	1 and 2	99.00	Captain of Police	April 6, 1914
Duke, Thomas S	1 and 3	99.00	Captain of Police	April 6, 1914
Anderson, Marcellus O	1 and 3	99.00	Captain of Police	April 6, 1914
Whittaker, Ross J	1 and 2	74.00	Det. Sergeant	Feb. 4, 1908
Bryam, Edward	1 and 3	74.00	Detective Sergeant	Feb. 4, 1908
Harper, Gustavus D	1 and 3	74.00	Detective Sergeant	Feb. 6, 1908
Gibson, Edw. L	1 and 3	74.00	Det. Sergeant	June 29, 1911
Riordan, Timothy J	1 and 3	74.00	Det. Sergeant	Nov. 2, 1911
McMahon Geo. T. Wm	1 and 3	74.00	Detective Sergeant	Jan. 13, 1913
O'Connor, John R	1 and 3	80.00	Lieutenant	Jan. 5, 1914
Price, William	1 and 3	69.00	Lieutenant	Oct. 2, 1905
Ayres, Jno. C	1 and 3	69.00	Lieutenant	Jan. 2, 1906
Cook, Jesse B	1 and 3	69.00	Sergeant	Feb. 10, 1910
Brown, Fred S	1 and 3	69.00	Sergeant	July 7, 1913
Melody, Joseph	1 and 2	61.50	Sergeant	July 5, 1906
Sharp, Abraham	3	61.50	Sergeant	Aug. 31, 1893
Houghtaling, A. J	3	61.50	Sergeant	Jan. 3, 1899
Avan, John	3	61.50	Sergeant	Nov. 2, 1898
Lindheimer, Mier	1 and 3	61.50	Sergeant	April 16, 1900
Murphy, Michael	3	61.50	Sergeant	Jan. 2, 1898
Wright, Cassius P	1 and 3	61.50	Sergeant	Jan. 5, 1903
Harper, Edgar	1 and 3	61.50	Sergeant	April 4, 1904
Tobin, Patrick	1 and 3	61.50	Sergeant	April 5, 1905
Harman, Geo. W	1 and 3	61.50	Sergeant	Jan. 3, 1895
Blank, Christopher	1 and 3	69.00	Sergeant	April 1, 1912
Williams, Wm. H.	1 and 2	69.00	Sergeant	April 1, 1912
Bunner, Stephen	1 and 2	69.00	Sergeant	Nov. 9, 1912
Duncan, John	1 and 2	69.00	Sergeant	April 6, 1914
Bush, Charles P	1 and 2	69.00	Sergeant	April 6, 1914
Mahoney, Patrick A	1 and 2	69.00	Sergeant	April 6, 1914
Moffit, John M	1 and 2	69.00	Sergeant	April 6, 1914
Rainsbury, John	1 and 3	69.00	Sergeant	April 6, 1914
Parrotte, Jno. F	1 and 3	57.50	Corporal	July 5, 1906
Bowlen. Thos. F	1 and 3	57.50	Corporal	July 7, 1903
Egan, Edward M	1 and 3	64.00	Corporal	Jan. 16, 1908
McGreevy, John	1 and 2	64.00	Corporal	April 1, 1912
Hagerty, Patrick	1 and 2	64.00	Corporal	July 7, 1913
Lyons, Martin	1 and 2	64.00	Corporal	July 7, 1913
O'Donnell, Patrick J	1 and 3	64.00	Corporal	Oct. 20, 1913
Adams, John D	1 and 2	64.00	Corporal	April 6, 1914
Gardinier, Henry	4 and 5	50.00	Police Officer	Sept. 30, 1899
Tyner, William	4 and 5	50.00	Police Officer	Sept. 30, 1899
Birch, William	4 and 5	50.00	Police Officer	Sept. 30, 1899
Flannery, Michael	4 and 5	50.00	Police Officer	April 8, 1890
Duff, Thomas	4 and 5	50.00	Police Officer	April 13, 1890
McMahon, Francis C	4 and 5	50.00	Police Officer	July 6, 1893
Horrigan, Eugene	4 and 5	50.00	Police Officer	Jan. 4, 1897
McGrath, Jno. A	4 and 5	50.00	Police Officer	July 1, 1897
McNulty, Thomas	4 and 5	50.00	Police Officer	Jan. 3, 1898
Courneen, Dennis	3	50.00	Police Officer	Aug. 1, 1899
Fleming, Patrick	4 and 5	50.00	Police Officer	Oct. 5, 1899
Williams, Amos M	4 and 5	50.00	Police Officer	Dec. 6, 1899
Michaels, Amelia	6	33.33	Widow of M. Michaels	
Burke, Delia	6	46.00	Widow of Wm. Burke	
Heaphey, Nellie	6	33.33	Widow of M. Heaphey	
Norton, Sarah	4	50.00	Widow of Jas. Norton	
Conway, Maria	4	50.00	Widow of Thos. Conway	
Mogan, Violet J	*4	50.00	Widow of Jos. Mogan	
Daley, Catherine	*4	50.00	Widow of D. J. Daley	
Anthony, Lena	*4	57.50	Widow of A. Anthony	
Gwinn, Mary F	*4	50.00	Widow of Wm. Gwinn	
Mangan, Kate	*4	50.00	Widow of Wm. Mangan	

*Section of Charter.

POLICE RELIEF AND PENSION ROLL FOR THE FISCAL YEAR ENDING JUNE 30, 1914—Continued

NAME.	Section Under	Amount	Rank.	Date when Retired.
Spillane, Mary	*4	99.00	Widow of Jno. Spillane.	
Fenner, Hilda	*4	50.00	Widow of Max Fenner...	
Cook, Norah	*4	50.00	Widow of Jas. Cook	
Floyd, Hannah	*4	50.00	Widow of J. M. Floyd...	
McCartney, Therese	*4	50.00	Wid. of E. J. McCartney	
Madden, Lilly	*4	50.00	Widow of J. Madden	
Hogan, Margaret	*4	60.00	Widow of D. Hogan	
McMurray, Elizabeth	*4	60.00	Widow of H. McMurray.	
Collins, Nellie	*4	60.00	Widow of F. C. Collins...	
Crowley, Mary A.	*4	60.00	Widow of J. J. Crowley	
Engle, Josephine M.	*4	60.00	Widow of Frank Engle	
Fennelly, Mary	*4	60.00	Widow of T. Fennelly..	
Castor, Minnie	*4	60.00	Widow of C. F. Castor..	
Hawes, Zoe S.	*4	64.00	Widow of J. W. Hawes	
Mangan Norah	*4	60.00	Wid. of J. L. Mangan..	
Springett, Annie	4	60.00	Widow of A. Springett.	
Bates, Grace	4	60.00	Widow of C. H. Bates.	
Tyrrell, Jennie	4	60.00	Widow of J. H. Tyrrell	
Bell, Hannah	4	60.00	Widow of D. G. Bell	
Stumke, Louise	4	60.00	Widow of H. W. Stumk	
Wood, May	4	60.00	Widow of B. G. Wood.	
O'Keefe, Annie	4	60.00	Widow of E. P. O'Keefe.	
Fleming, John	1 and 3	50.00	Police Officer	Jan. 11, 1904
Doran, Joseph	4 and 5	50.00	Police Officer	Oct. 31, 1899
Benjamin, Levi M.	4 and 5	50.00	Police Officer	Dec. 31, 1899
Behan, Maurice	4 and 5	50.00	Police Officer	Dec. 31, 1899
Barnes, Chas. M.	*1 and 3	50.00	Police Officer	July 21, 1902
Dillon, Thos. H.	3	50.00	Police Officer	Dec. 31, 1899
Conly, John J.	4 and 5	50.00	Police Officer	Jan. 5, 1900
Tyron, Thos. C.	4 and 5	50.00	Police Officer	Jan. 6, 1900
Morton, John M.	1 and 3	50.00	Police Officer	April 16, 1900
Perry, Patrick	*1 and 3	50.00	Police Officer	Dec. 3, 1902
Watterman, Chas. V.	*1 and 3	50.00	Police Officer	Oct. 6, 1902
Aitken, James	*1 and 3	50.00	Police Officer	April 6, 1903
Falls, Richard J.	1 and 3	50.00	Police Officer	April 4, 1904
Richter, Peter	1 and 3	50.00	Police Officer	Oct. 6, 1903
De Blois, Geo. C.	*1 and 3	50.00	Police Officer	Jan. 11, 1904
Samuels, Wm. P.	*1 and 3	50.00	Police Officer	April 19, 1904
Harris, Cyress B.	1 and 3	50.00	Police Officer	April 3. 1906
Bode, Ernest F.	1 and 3	50.00	Police Officer	July 1, 1901
Hanly, Wm. C.	1 and 3	50.00	Police Officer	Aug. 2, 1904
Crosby, Patrick	*1 and 3	50.00	Police Officer	Jan. 11, 1904
Arrellanes, Christopher.	*1 and 3	50.00	Police Officer	Jan. 3, 1905
Sawyer, Benj. T.	*1 and 3	50.00	Police Officer	April 19, 1905
Harrington, Gregory	*1 and 3	50.00	Police Officer	May 25, 1905
Hickey, Jerome J.	*1 and 3	50.00	Police Officer	July 5, 1906
Owens, Daniel	*1 and 3	50.00	Police Officer	Jan. 21, 1907
Gillin, Peter A.	*1 and 3	50.00	Police Officer	Mar. 21, 1907
Coleman, Thomas J.	*1 and 3	60.00	Police Officer	Jan. 16, 1908
Donohue, Cornelius	*1 and 3	60.00	Police Officer	Jan. 16, 1908
Thomson, Samuel M.	*1 and 3	60.00	Police Officer	Jan 20, 1908
Hobi, Thomas F.	*1 and 3	60.00	Police Officer	Jan. 3, 1910
Maher, Martin A.	*1 and 3	60.00	Police Officer	April 4, 1910
Sheehan, John W.	*1 and 3	60.00	Police Officer	April 10, 1911
Gordon, Andrew	*1 and 3	60.00	Police Officer	May 25,1911
Harrigan, Geo. W.	*1 and 3	60.00	Police Officer	Aug. 17, 1911
Mahoney, Michael	*1 and 3	60.00	Police Officer	Nov. 16, 1911
Edner, John T.	*1 and 3	60.00	Police Officer	April 1, 1912
Stroup, Randolph	1 and 3	60.00	Police Officer	April 1, 1912
Clifford, Jeremiah	1 and 3	60.00	Police Officer	April 1, 1912
Farrell, George	*1 and 3	60.00	Police Officer	April 1, 1912
Clark, Geo. W.	1 and 3	60.00	Police Officer	Mar. 3, 1913
Foley, James	1 and 3	60.00	Police Officer	April 10, 1913
Dwyer, Jeremiah	1 and 2	60.00	Police Officer	April 10, 1913

*Section of Charter.

POLICE RELIEF PENSION ROLL FOR THE FISCAL YEAR ENDING JUNE 30, 1914—Continued

NAME.	Section Under	Amount	Rank.	Date when Retired
O'Sullivan, Michael J....	1 and 2	60.00	Police Officer.....	April 10, 1913
Scott, Wilson D.....	1 and 2	60.00	Police Officer.....	Aug. 27, 1913
Dassman, Frederick W....	1 and 3	60.00	Police Officer.....	July 7, 1913
Welch, James T.....	1 and 3	60.00	Police Officer.....	July 7, 1913
Johnstone, Harvey E....	1 and 3	60.00	Police Officer.....	Jan. 5, 1914
Egan, Thomas R.....	1 and 3	60.00	Police Officer.....	April 6, 1914
Connolly, Timothy F....	1 and 2	60.00	Police Officer.....	April 6, 1914
Collins, M. A.....	1 and 3	60.00	Police Officer.....	April 6, 1914
Prendergast, John J....	1 and 3	60.00	Police Officer.....	April 6, 1914
Phelan, John	1 and 3	60.00	Police Officer.....	April 6, 1914
Tillman, John J.....	1 and 3	60.00	Police Officer.....	April 6, 1914
Filben, Miles J.....	1 and 3	60.00	Police Officer.....	April 6, 1914
Sandman, Solomon	1 and 2	60.00	Police Officer.....	April 6, 1914
Kaskell, Benjamin	1 and 2	60.00	Police Officer.....	April 6, 1914
Hooper, William Thos..	1 and 3	60.00	Police Officer.....	April 6, 1914
Henneberry, William ..	1 and 2	60.00	Police Officer.....	April 6, 1914
Fitzpatrick, Thos. J.....	1 and 3	60.00	Police Officer.....	April 6, 1914
Slattery, Thomas F.....	1 and 3	60.00	Police Officer.....	April 7, 1914

SUMMARY.

Number of retired Officers drawing pensions on July 1, 1913.....	88	
Other persons drawing pensions	30	
Total drawing pensions		118
Number of Officers retired during the fiscal year ending June 30, 1914..	31	
Other persons granted pensions during fiscal year ending June 30, 1914	2	33
Total allowed pensions as at June 30, 1914.....		151
Died during the fiscal year ending June 30, 1914.....	5	
Restored to active duty during fiscal year ending June 30, 1914.....	0	5
Total drawing pensions July 1, 1914.....		146

Report of Board of Education

September 2, 1914.

To the Honorable Board of Supervisors,
San Francisco.

Gentlemen:—I have the honor to submit herewith the annual report of the Superintendent of Common Schools, to the Board of Education, covering the condition of the public schools of this City and County for the sixty-first fiscal year of the School Department ending June 30, 1914.

Respectfully yours,

M. R. NORRIS,
Secretary Board of Education.

DEPARTMENT OF EDUCATION, CITY AND COUNTY OF SAN FRANCISCO, CALIFORNIA.

BOARD OF EDUCATION.

GALLAGHER, GEORGE E., President	Term expires Jan. 8, 1918	$3,000.00
D'ANCONA, DR. A. A., Member	Term expires Jan. 8, 1916	3,000.00
KINCAID, Mrs. M. W., Member	Term expires Jan. 8, 1917	3,000.00
JONES, Miss S. J., Member	Term expires Jan. 8, 1915	3,000.00

SUPERINTENDENT OF SCHOOLS.

RONCOVIERI, ALFRED	Term expires Jan. 8, 1915	$4,000.00

(Ex-officio member of the Board of Education without right to vote).

DEPUTY SUPERINTENDENTS OF SCHOOLS.

Webster, R. H.	Term expires May 1, 1916	$3,000.00
Cloud, A. J.	Term expires Dec. 1, 1916	3,000.00
Heaton, T. L.	Term expires Mar. 1, 1918	3,000.00
Howard, W. B.	Term expires	3,000.00

EMPLOYES.

Norris, Mrs. M. R.	Acting Secretary Board of Education	Term at pleasure of Board of Education	$1,800.00
Berliner, C. A.	Financial Secretary, Board of Education	Term at pleasure of Board of Education	2,160.00
Collier, Mrs. A. M.	Secretary Board of Education	Term at pleasure of Board of Education	1,020.00
Anderson, Miss L. E.	Assistant to Secretary	Term at pleasure of Board of Education	1,020.00
Walter, Miss Irene S.	Stenographer, Board of Education	Term at pleasure of Board of Education	1,260.00
O'Rourke, J., Miss	Stenographer, Board of Education	Term at pleasure of Board of Education	1,260.00
O'Connor, T. S., Miss	Stenographer, Office Supt. of Schools	Term at pleasure of Board of Education	1,260.00
Holden, S. A., Miss	Phone Exchange Operator	Term at pleasure of Board of Education	1,080.00
Harris, J.	Messenger, Board of Education	Term at pleasure of Board of Education	1,200.00
Larkin, R.	Messenger, Supt. of Schools	Term at pleasure of Board of Education	1,140.00
Sweeney, E.	Truant Officer	Assigned by Chief of Police.	
Dugan, T. J.	Truant Officer	Assigned by Chief of Police.	
Nolan, E.	Truant Officer	Assigned by Chief of Police.	
Foley, James	Store Keeper	Term at pleasure of Board of Education	$1,800.00
Hunt, John	Assistant to Store Keeper	Term at pleasure of Board of Education	1,080.00
Whitney, S. E.	Bookkeeper	Term at pleasure of Board of Education	1,500.00
Tierney, M. J.	Building and Repairs	Term at pleasure of Board of Education	2,100.00
Dempsey, T.	Water and Gas Inspector	Term at pleasure of Board of Education	1,500.00
Schuck, E.	Chauffeur	Term at pleasure of Board of Education	1,500.00

Total Number of Schools	101
Number of days Schools were kept open	193½
Average daily attendance:	
Secondary	3,642
Elementary	39,245
	42,887
Number of teachers employed	1,436
Number of teachers on leave during 1913-1914	68
Number of teachers on pay roll 1914	1,407
Total appropriation 1913-1914	$1,868,280.00
Total amount drawn from Treasury, 1913-1914	1,879,187.76
Receipts from State	683,766.48
Disbursed for:	
Administration	$ 50,792.96
Salaries and Rents	1,735,517.80
Scavenger	3,600.00
Lectures	1,030.81
President's Incidental Fund	318.25
Maintenance	87,927.94
	$1,879,187.76

DISBURSED FOR FISCAL YEAR 1913-1914.

Board of Education	$ 11,988.00
Superintendent and Deputies	15,975.96
Secretary and Attaches	13,349.00
Storekeeper and Attaches	4,380.00
Scavenger	3,600.00
Superintendent Building and Repairs	2,100.00
Water and Gas Inspector	1,500.00
Chauffeur	1,500.00
Teachers P. & G.	1,380,820.20
Teachers High	233,295.55
Janitors	107,133.35
Rents	2,816.20
Wages in Supply Department	17,666.25
Stationery	11,638.78
Incidentals	7,698.42
Furniture	10,964.67
Manual Training	5,311.61
Janitorial	4,894.76
Printing	1,600.94
Books	3,030.15
Fuel	7,866.52
Telephone and Telegraph	91.85
Water	8,236.23
Light	5,198.90
Cartage	2,000.25
Cooking	1,691.97
High School	7,041.88

Advertising	23.97
Athletics	363.54
Lectures	1,030.81
Home Economics	1,171.09
Industrial Work	1,390.66
President's Incidental Fund	318.25
Teachers' Institute	1,498.00
	$1,879,187.76

RECAPITULATION.

Appropriation 1913-1914	$1,868,280.00
Surplus 1911-1912	9,695.47
Surplus 1912-1913	1,212.29
Total	$1,879,187.76
Disbursed as above	1,879,187.76

Report of Superintendent of Schools

STATE ENROLLMENT.

Day Schools—Kindergarten and Elementary	46,843	
High Schools—Day	3,843	
Total Day School Enrollment		50,686
Elementary Schools—Evening	5,009	
High Schools—Evening	2,157	
Total Evening School Enrollment		7,166
Grand total Day and Evening Enrollment		57,852

AVERAGE DAILY ATTENDANCE.

Elementary Schools	40,154	
High Schools	4,085	
Total		44,239

"STATE ENROLLMENT" BY GRADES AND SEX.

(STATE ENROLLMENT ADMITS NO DUPLICATION. PUPILS PROMOTED DURING THE YEAR ARE ENUMERATED ONLY IN THE GRADES FROM WHICH THEY WERE PROMOTED.)

DAY SCHOOLS.

	Boys.	Girls.	Total.
Kindergarten	155	150	305
First Grade	6,181	5,371	11,552
Second Grade	3,679	3,192	6,871
Third Grade	3,117	2,756	5,873
Fourth Grade	3,020	2,819	5,839
Fifth Grade	2,734	2,653	5,387
Sixth Grade	2,253	2,273	4,526
Seventh Grade	1,745	1,931	3,676
Eighth Grade	1,353	1,461	2,814
Totals Elementary and Kindergarten	24,237	22,606	46,843
High Schools—			
First Year	*679	*1,179	*1,858
Second Year	409	656	1,065
Third Year	209	330	539
Fourth Year	139	242	381
Total High	1,436	2,407	3,843
Grand Total (Day Schools)	25,673	25,013	50,686

* These figures EXCLUDE those enrolling in January and who, during the year, were enrolled in the grammar (8th) grade.

EVENING SCHOOLS.

Humboldt and North Beach Evening High Schools—			
First Year	1,225	462	1,687
Second Year	272	20	292
Third Year	126	18	144
Fourth Year	32	2	34
Totals (Evening High Schools)	1,655	502	2,157

Elementary and Technical Evening Schools—	Boys.	Girls.	Total.
First Grade	504	301	805
Second Grade	420	223	643
Third Grade	295	90	385
Fourth Grade	303	113	416
Fifth Grade	164	73	237
Sixth Grade	431	158	589
Seventh Grade	531	252	783
Eighth Grade	778	373	1,151
Totals	3,426	1,583	5,009

Grand Totals Evening Schools	5,081	2,085	7,166
Grand Total Day Schools	25,673	25,013	50,686
Grand Totals (Day and Evening)	30,754	27,098	57,852

	Enrollment June 30, 1914.	Increase (I) over or decrease (D) from 1913	Enrollment June 30, 1913.
High Schools	*3,843	I. 383	*3,460
Elementary	46,538	I. 3,164	43,374
Kindergarten	305	I. 239	66
Humboldt and North Beach Evening High	2,157	I. 448	1,689
Other evening schools	5,009	D. 159	5,168
Totals	57,852	I. 3,164	53,757

AVERAGE DAILY ATTENDANCE

High Schools	3,198	I. 228	2,970
Elementary	38,336	I. 1,188	37,148
Kindergarten	149	I. 120	29
Humboldt and North Beach Evening High	887	I. 100	787
Other Evening Schools	1,818	D. 78	1,896
Totals	44,388	I. 1,558	42,830

GRADUATES

Number of graduates from the grammar schools for the year—

Boys	Day 1,034,	Evening 265	1,299
Girls	Day 1,243,	Evening 147	1,390
Total			2,689

Number of graduates from the high schools for the year—

Boys	Day 169,	Evening 128	297
Girls	Day 325,	Evening 63	388
Total			685

GRADE ENROLLMENT.

(These figures indicate the pupils taught in each grade. Unlike "State" enrollment it admits duplication, e. g. If 2,900 are promoted from the first to the second grade in December they are taught, hence counted in both grades. State enrollment places them in the first grade only.)

Elementary	Day School	Evening (including Technical)
First Grade	11,582	825
Second Grade	9,012	689
Third Grade	8,793	420
Fourth Grade	8,227	433
Fifth Grade	7,889	242
Sixth Grade	6,308	655
Seventh Grade	4,927	825
Eighth Grade	4,237	1,169
High Schools		
First Year	2,902	2,480
Second Year	1,501	413
Third Year	674	158
Fourth Year	486	34

AVERAGE DAILY ATTENDANCE IN DETAIL.

Elementary Schools—Day	38,336	
Elementary Schools—Evening	1,818	
Total Elementary Schools		40,154
High Schools—Day	3,198	
High Schools—Evening	887	
Total High Schools		4,085
Grand Total		44,239

(NOTE—On the State records at Sacramento the average daily attendance total appears as 42,887 owing to the rule of the State Board of Education, followed in the apportioning of State school funds, that only half-time credit shall be allowed for evening school attendance. The figures given above, however, are those which state the actual fact as to the number of individual pupils attending school.)

*All pupils entering high schools, who were enrolled at any time during the year in a grammar school, are omitted in high school enrollment by order of the State Superintendent.

	Principals or Supervisors of Special Subjects		Teachers	
	Men	Women	Men	Women
(5) High Schools (Day)	5	0	*50	†68
Humboldt Evening High	1	0	28	3
North Beach Evening High	1			
(29) Elementary (Day) Grammar	8	21	‡6	§426
(54) Elementary (Day) Primary, including Ethan Allen, Ungraded and Detention	2	52	1	481
Oral for Deaf				2
Kindergarten				4
Special Subjects	3	5	14	31
Elementary Evening	5	2	7	29
Commercial Evening	1		6	7
Jean Parker Evening School of Home Economics		1		5
Substitutes			1	49
Substitutes (Emergency June, 1914)			5	53
Totals	26	81	118	1,158
	Men 107		Women 1,276 = 1,383	

SCHOLASTIC TRAINING AND CERTIFICATION OF TEACHERS.

Number of Teachers (including Principals)	Men	Women
Who are graduates of University of California	39	109
Who are graduates of Leland Stanford Jr. University	15	8
Who are graduates of other universities	18	6
Who are graduates of other colleges	14	14
Who are graduates of San Francisco City Normal School	2	353
Who are graduates of San Francisco State Normal School	2	203
Who are graduates of Chico State Normal School	1	13
Who are graduates of the Los Angeles State Normal School	1	4
Who are graduates of the San Diego State Normal School	2	3
Who are graduates of the San Jose Normal School	4	82
Who are graduates of the Santa Barbara Normal School		2
Who are graduates of Normal Schools of other States	7	17

CERTIFICATES.

No. holding certificates of High School Grade	227
No. holding certificates of Grammar School Grade	1,032
No. holding certificates of Primary School Grade	18
No. holding Special Certificates	106
Total	1,383

SCHOOL VISITATION.

Official Visits of Superintendent and Deputies	3,557
Official Visits by members of Board of Education	1,603
Visits by other persons	62,519

* 3 Vice Principals.
† 2 Vice Principals.
‡ 2 Vice Principals.
§ 26 Vice Principals.

VOLUMES IN SCHOOL LIBRARIES AND STOREROOM (INCLUDING BOOKS FOR USE OF INDIGENTS).

	Number	Estimated Value.
In libraries of High Schools	6,810	$ 6,630.00
In libraries of Elementary Schools	96,569	35,021.00
In libraries of Evening Schools	2,897	1,000.00
In San Francisco Teachers' Library	878	1,589.00
	107,154	$44,240.00

Statement of Free Elementary State Text-Books given by the State of California for the use of pupils of public schools of San Francisco. Received from State from March 1, 1913, to Jun 30, 1914:

Text-Books		183,675
In good condition in schools	156,446	
In storeroom for distribution in July, 1914	24,760	
Lost or mutilated by pupils	2,143	
Worn out or destroyed because of contagious diseases	326	183,675

Pupils have contributed for 1,490 books lost or destroyed by them, $406.57, which sum has been deposited with State Treasurer Roberts, to the credit of the State Free Text-Book Fund.

Writing Books received from State		78,267
Used	41,420	
Unused in schools	17,162	
Unused in storeroom	19,685	78,267
Value of State Text-Books in Schools and Storeroom		$52,908.37
Value of Writing Books		1,473.88
Total		$54,382.25

RECEIPTS AND EXPENDITURES.

Elementary Schools—Receipts:	
State Apportionment	$ 644,899.76
Tax Revenue	861,847.64
Bond Sale Receipts	249,101.50
From Miscellaneous Sources	135,807.82
Total	$1,891,656.72
Elementary Schools—Expeditures:	
Teachers' Salaries	$1,380,820.20
Repairs, Rent, etc	274,969.47
Sites, Buildings, etc	248,901.50
Library, Books, Apparatus, etc	5,042.48
Total	$1,909,733.65
High Schools—Receipts:	
State Apportionment	$ 38,866.72
Tax Revenue	231,246.40
Bond and Building Funds	209,463.93
Total	$ 479,577.05

High Schools, Expenditures:	
Teachers' Salaries	$ 233,295.55
Current Expenses, Supplies, etc	33,835.65
Buildings	209,463.93
Total	$ 479,577.05

KINDERGARTEN WORK.

Number of Schools Under City Control	4
Number of Teachers Employed (women)	4
Number of Pupils Enrolled	305
Number of Days' Schooling given during year	703
Total amount paid teachers	$3,528

GENERAL STATISTICS.

Population of the City and County (estimated on average daily school attendance of 44,239 by multiplying same by 11.2)	495,477
Municipal Assessment, 1913-14—	
Real Estate and Improvements	$461,282,132.00
Personal Property	64,965,404.00
Total	$526,247,536.00
State Assessment, 1913-1914	97,600,193.00
City and County School Tax Rate on each $100 of property assessed for municipal purposes	.208
Amount of City and County taxes collected for school purposes	1,868,280.00
State School Fund apportionment, 1913-1914	683,766.48

NUMBER OF SCHOOL HOUSES.

	Composite	Concrete and Steel	Brick and Steel	Wood	Total
High School	1	1	3	2	7
Elementary	19	4	9	52	84
Grand Total					91

ESTIMATED VALUE OF SCHOOL PROPERTY.

Sites occupied by Elementary Schools	$2,747,000.00	
Sites occupied by Secondary Schools	630,000.00	
Sites not occupied by schools	2,693,000.00	
Total value of land		$ 6,070,000.00
Buildings—		
Elementary Schools	4,453,000.00	
Secondary Schools	1,620,715.00	
Administration	12,435.00	
Total value of buildings		6,086,150.00
Furniture—		
Elementary Schools	250,000.00	
High Schools	70,110.00	
Administration	3,500.00	
Total value of furniture		323,610.00

Apparatus and Laboratories—		
Elementary Schools, including Manual Training and Cooking	17,500.00	
High Schools	76,326.00	
Total value		93,826.00
Library—		
Elementary Schools, Free State Texts	54,382.00	
Library and Supplemental	36,021.00	
High Schools	6,630.00	
Teachers'	1,589.00	98,622.00
		$12,672,208.00

SCHOOL PROPERTY—NAMES AND LOCATIONS OF SCHOOLS AND DESCRIPTIONS OF SCHOOL PROPERTY.

(a) Estimated value of school property.

Land	$ 6,070.000.00
Buildings	6,086,150.00
Furniture	323,610.00
Apparatus and Laboraties	93,826.00
Libraries	98,622.00
Total	$12,672,208.00

(b) School lots leased by Board of Education.

1. Lot in 100 vara block 371, Fifth street, near Market, known as Lincoln block, 275x275 ft. Leased to Wise Realty Company (later merged into the Lincoln Realty Co.) for thirty-five (35) years at a total rental of $2,835,000, as follows: For the first five years to June 30, 1913, a rental of $3,780.00 per month, and for the remaining thirty (30) years a rental of $7,245.00 per month.

2. Lot in 50 vara block 119, Post street, between Grant avenue and Stockton street 70x122½ ft. Leased at an average of $911.42 per month.

Graduated Rentals—

First four months, per month	$ 250.00
Second four months, per month	300.00
Third four months, per month	350.00
Second year, per month	400.00
Third year, per month	450.00
Fourth year, per month	500.00
Fifth year, per month	550.00
Sixth year, per month	650.00
Seventh year, per month	700.00
Eighth year, per month	750.00
Ninth year, per month	800.00
Tenth year, per month	850.00
Eleventh year, per month	900.00
Twelfth year, per month	900.00
Thirteenth and fourteenth, per month	950.00
Fifteenth year, per month	1,000.00
Sixteenth to twenty-fifth year, per month, inc	1,000.00
Twenty-sixth to thirty-fifth year, per month, inc	1,125.00

3. Lot in 100 vara lot 348, Tehama street, between First and Second, 118x155 ft. Leased June 29, 1911, thirty-five (35) years; December 1 to November 30, 1946, at $103.00 per month.

4. Old Denman School lot, Bush and Taylor streets, leased March 24, 1911, to Mary L. Burns.

September 1, 1911, to August 31, 1921	at	$60.00 per month
September 1, 1921, to August 31, 1936	at	100.00 per month
September 1, 1936, to August 31, 1946	at	160.00 per month

5. Lot on Turk street at $3.00 per month to Hann Bjorn.

6. Lot on Jackson street, between Scott and Divisidero, leased to the Sacred Heart Academy, at $50.00 per month, during the pleasure of the Board of Education.

7. Paul Revere lot, Corbett road and Ocean avenue, rented to T. Varni, at $2.50 per month, during the pleasure of the Board of Education.

8. Lot at Rhode Island and Mariposa streets to Mahoney, at $2.00 per month, during the pleasure of the Board of Education.

9. Lot at Thirty-first avenue and Geary street, leased to Owen McHugh, during the pleasure of the Board of Education, at $10.00 per month.

ALFRED RONCOVIERI,
Superintendent of Schools.

Assessor's Report

San Francisco, June 30, 1914.

Honorable James Rolph, Jr.,
Mayor of San Francisco.

Dear Sir:—In compliance with the provisions of Section 9, Article XVI, of the Charter, I beg to submit my Annual Report for the fiscal year ending June 30, 1914.

Respectfully submitted,

JOHN GINTY, Assessor.

ASSESSMENT OF NON-OPERATIVE PROPERTY.

The Assessment Roll of the City and County of San Francisco (which is a consolidated City and County Government, authorized by a Freeholders' Charter), consists of 42 volumes of assessment of real estate and secured personal property, and 18 volumes of assessment of unsecured personal property.

The assessment of non-operative property (taxed exclusively for City and County purposes), is as follows:

Assessment of lands	$304,661,024
Assessment of improvements	165,556,757
Assessment of personal property	71,393,762
Total	$541,611,453

This is an increase over last year's assessment of $763,849 on land, $8,177,780 on improvements and $6,425,401 on personal property. Total increase, $15,367,030, or about three per cent increase on non-operative property.

The increase on land has been almost entirely confined to acreage and newly subdivided property. The increase in improvements is due to the construction of new buildings, and does not include improvements made by the City, State, Federal Government or Churches, which are exempt from taxation. The increase in personal property is due to extra vigilance of this office in finding assessable property in litigation in the United States District Court and Probate Courts; also a large increase in Automobiles copied from the State Registration.

OPERATIVE PROPERTY.

The total assessment of operative property, which is taxed exclusively for State purposes, as sanctioned by amendment to the State Constitution, November 8, 1910, is $105,088,612, an increase of $7,488,419, or about 7 67/100 per cent over last year's assessment.

The total assessed value of operative and non-operative property is $646,700,065, or a total increase over last year's assessment of $22,855,449.

Had the tax rate for city purposes been levied on the total assessment of $646,700,065 it would have been $1.88 on the $100 assessed value, instead of $2.25 to raise the same amount of revenue. Excluding Park, Bond and Interest funds ($3,294,973), which are outside the dollar limit, the tax rate would have been $1.37, or 37 cents more than the dollar limit.

Since the adoption of the charter in 1900 amendments to the State Constitution have been adopted by the State exempting $7,049,915, in addition to $105,088,612 the withdrawal of property taxed exclusively for State purposes from this City's assessment roll, and the State Legislature has enacted laws increasing the City's expenses $727,680. Amendments to the Charter have imposed additional expenses of over $907,575. In other words, if allowances are made for assessed valuations withdrawn from City taxation to be taxed exclusively for State purposes —increase expense due to State Legislative Acts—increase expenses due to amendments to the Charter, moneys received by licenses and other sources of City income, and the Park, Bond, redemption and interest funds, would show that the dollar limit has not been exceeded in the budget as adopted for 1914, or has it been exceeded any year since 1900. If the special increase in taxation due entirely to State Legislature and charter amendments are added to the taxes as collected in 1898, the tax rate for that year would have been more than $2.09 on the $100 assessed value, or more than double the dollar limit.

The Charter requires the Assessor to make an estimate on the first Monday

in April of what the total assessment roll will be when delivered to the Board of Supervisors on the first Monday in July, and the Board to complete the budget of the estimate expenses of the city between the first Monday in May and the first Monday in June. The Assessor's estimate, based on returns of personal property and appraisement of new buildings in course of construction, was $536,000,000, or an increase of about $10,000,000, and this figure was used for the proposed tax rate of $2.27 for City purposes.

EFFICIENCY OF ASSESSOR'S OFFICE.

During the month of June, as the result of a search in the United States District Courts, Superior Courts, and a comparison of the number of Automobiles registered in Sacramento with those returned on statements of personal property, and other investigations, over $5,600,000 assessable personal property was discovered by the vigilance of this office. This made it possible for the Board of Supervisors to reduce their estimated tax rate of $2.27 to $2.25, a saving of two cents on each $100 assessed value, or $108,322 less taxes for the property owners to pay this year.

Of the large increase in personal property assessment $3,367,992 was impounded money by the Courts in litigation of the Spring Valley Water Company and the Pacific Telephone and Telegraph Company which has never been taxed.

The taxes on newly discovered personal property in 1913 and 1914 will amount to over $220,000. As the total expense of the Assessor's office is only $101,200 a year (was $104,352 in 1898 and $212,132 in 1880), it might be stated that the expenses of this office for the last two years have not cost the taxpayers a cent.

My previous business experience and a thorough knowledge of the laws of taxation largely aided to the discoveries of property escaping taxation. The State Constitution contains 24 sections on taxation; the general laws 96 sections, and the Political Code 246 sections. The Supreme Court in interpreting taxation laws have rendered 1320 decisions, and the Appellate Court 150 decisions. The Assessor's office has no special attorney.

During the last year, in addition to the usual work of my office, I have compiled a new map of the City and County of San Francisco on a new and improved system of numbering the blocks, by which in less than a minute any one can locate the block he is looking for. I have also renumbered the lots in each block, and assessed same by lot and block number, thereby saving an immense amount of labor in this and the Tax Collector's office, and reducing the rolls from 61 volumes to 42 books, and the size of the open page from 45 inches by 24 inches to 36 inches by 23 inches. The latter is stock size paper and can be had anywhere, while the former size had to be manufactured to order at greatly increased cost.

The new Assessor's Map has been approved by the Real Estate Board, the Associated Savings Banks, all of the Abstract Companies, Chamber of Commerce, and by lawyers, civil engineers, and large property owners, who think the plan of the map to be the best in use in any City in the United States.

NEW TAX BILLS.

The description of property on the tax bills this year will be by lot number and block number instead of by metes and bounds as heretofore, leading to great saving of writing assessment rolls and tax bills. The describing of a lot 25 feet by 137½ feet, with four courses with references to streets having six letters in each street, required the writing of 74 letters or figures, which was the minimum de-

scription as used in describing lots by metes and bounds in former years; this year the minimum description is only two figures and the maximum seven figures.

The taxpayer this year will find attached to his tax bill a photographic map of the block in which his lot is located, showing block and lot number, dimension and ownership of each lot in the block, and names of streets surrounding the block, which he is requested to preserve, as maps are not expected to be furnished in future years. This year it was necessary to furnish this information to the taxpayer, as he would not be able to check the description in this year's tax bill by any of his previous year's tax bills or by his deeds.

APPRAISED VALUATIONS.

During the last year the State Legislature increased the taxes of public service corporations taxed exclusively for State purposes, as the contention was made that these corporations were not assessed in the same proportion as other tax payers. The Corporations employed tax experts to prove their side of the contention, and the State Controller sent his men throughout the State to gather evidence for his side. San Francisco being the wealthiest City in the State, its assessment rolls were carefully examined by both sides. In addition to the assistance of Real Estate Agents, the State Controller compared the assessed values of all property appraised or sold in private proceedings, probate sales, and the values of all mortgages made or owned by Insurance Companies as appraised by the Loan Committee of the Insurance Companies and State Insurance Commissioner. The late A. B. Nye, then State Controller, stated that the assessment in San Francisco was one of the most equable in the State, and that the variation in his appraisements and that of this office only varied about one per cent, thereby showing the system used in this office, is as good a one as can be found. By way of proof, and for comparison, I submit the following tax rates and per cent of assessed values: Out of 135 of the principal cities of the United States, 82 assess at a rate of less than 100 per cent of actual value. Baltimore reports their assessment on a hundred per cent basis, yet their taxation law exempts solvent credits, bonds or certificates of indebtedness bearing no interest are also exempt; those drawing 3% are assessed at 25% of market value, and those bearing six per cent, at 50%. The City receives revenue from property owned by the city, such as wharves, bonds, stocks and licenses that cover all lines of business and occupations. New York exempts all bonds and solvent credits, and collects rents from cellars under the sidewalks; also has an income from wharves, licenses and other property owned by the City. All of the Cities assessing on a higher basis than San Francisco, have larger exemption lists, and if a true comparison was made with San Francisco it would be found that they are assessing on fifty, or less than fifty per cent ratio of all the property values. The ratio of assessment in all the Counties of California is about fifty per cent. It may be from the increase in State expenses, that the State Board of Equalization will soon be compelled to levy an ad valorem tax on all the Counties in addition to those classes of property now taxed exclusively for State purposes, and should San Francisco adopt a ratio over 50 per cent, it would mean that San Francisco would be contributing more than her just proportion of taxes to the State.

Out of the 135 large Cities of the United States, 53 have a tax rate ranging between $2 and $3 on the $100; two between $3 and $4; five between $4 and $5; and two between $5 and $6.

The following table shows the area, population, assessed value, ratio, assessed value per capita and tax rate of ten Eastern Cities and eight Pacific Coast Cities:

City	Area Sqr. Miles	Population	Assessed Value	Ratio	Assd. Val. per Capita	Tax Rate
Buffalo, N. Y.	42	460,505	$336,080,105.00	80%	$ 730.00	2.29
Cleveland, O.	51	720,000	765,754,880.00	100%	1064.00	5.88
Columbus, O.	26	200,000	247,576,390.00	100%	1238.00	1.46†
Denver, Col.*	59	230,000	309,358,440.00	100%	1345.00	1.48†
Fall River, Mass.	41	122,000	99,880,768.00	100%	819.00	2.03
Grand Rapids, Mich.	17	120,000	102,293,177.00	100%	852.00	2.14
Jersey City, N. J.*	20	289,000	218,295,585.00	100%	755.00	2.12
New York, N. Y.	326	5,500,000	8,332,066,301.00	100%	1515.00	1.82
Portland, Me.	21	61,000	67,093,268.00	100%	1100.00	2.12
Trenton, N. J.	9	102,000	76,244,779.00	100%	747.00	2.10
San Francisco, Cal.	46	453,600	646,700,065.00	50%	1425.00	2.25
Los Angeles, Cal.	107	405,885	389,705,515.00	50%	961.00	2.35
Oakland, Cal.*	58	225,000	143,201,450.00	50%	637.00	3.08
San Diego, Cal.	72	100,000	64,162,657.00	40%	641.00	3.35
Sacramento, Cal.*	16	72,000	66,404,680.00	72%	922.00	2.51
Portland, Or.*	55	275,000	314,705,980.00	75%	1144.00	2.20
Seattle, Wash.	58	310,000	215,362,151.00	45%	694.00	4,38
Tacoma, Wash.*	----	110,000	74,291,514.00	60%	675.00	3.62

*Commission form of Government.

Population of San Francisco and Los Angeles based on 1910 census, plus 4 years' growth on same ratio of increase from 1900 to 1910. All other figures taken from estimate in the World's Almanac.

†Does not include State taxes.

Comparison of the per capita assessed value in 135 cities show San Francisco is only exceeded by New York City (they claim to assess on a 100% ratio), while San Francisco uses a 50% ratio, and the difference is only $90.

In the list of 135 cities only three small cities are reported as having a dollar rate or under, and manifestly their rate does not include State or County taxation.

The State Legislature, in classifying City Charters, sets the tax rate for Cities of the sixth class (Cities having a population of less than 3,000 inhabitants), at $1.00 on the $100 assessed values.

The Freeholders who compiled our Charter in 1898, estimated that a $1.00 rate would be sufficient. The total assessment roll of 1898, on which they based their calculations, was $352,344,061, which included operative and non-operative property. Eastern Cities, and in some States that make a limit rate for County Government, segregate the total limit rate into limitation of how many mills or cents on the one hundred dollar assessment can be used in each department of the City. It would appear that this subdivision of the total rate would be desirable as the legislative body elected by the people might be men who are enthusiasts on one subject and they would naturally appropriate more for that branch than for other work they were not so well posted in, but equally as important and demanded by the people. It would also furnish figures for comparison of expenses of different departments with those of other Cities.

Since the assessment of 1898 the State Legislature by exemption amendments and withdrawal of property for exclusive taxation for State purposes, have reduced assessed values nearly one-third of what they were in 1898, the year our present Charter was drafted.

November 8, 1910, Amendment No. 1 withdrew property from City taxation to be taxed exclusively for State purposes, $105,088,612; also the following property was made exempt from taxation November 6, 1900, Churches used exclusively for religious worship, Stanford University and California School of Mechanical Arts. November 8, 1904, California Academy of Sciences. November 6, 1906, Cogswell Polytechnic College. November 4, 1902, Bonds of the State, City and County, Reclamation, Irrigation and School Districts. November 8, 1904, property of every householder to the amount of $100. October 10, 1911, exemption of $1,000 to veterans. In addition to this large reduction of assessment, the State Legislature has added to the expenses of the City expenses for Superior Courts, Juvenile Courts, Widows' Pension Bureau, Sealer of Weights and Measures, Accident Insurance, and reduced the amount returned by the State to San Francisco for our Schools.

A careful comparison of taxation in San Francisco with other large cities will show that the tax rate is lower than in most cities, and, notwithstanding the increase expense of the city government due to our great loss by fire, increased bonded indebtedness, higher cost of all supplies furnished the city, and allowance made for additional appropriation to comply with the laws passed by the State Legislature, by Charter Amendments, exemption of property by amendments to the State Constitution, and withdrawal of property taxed exclusively for State purposes, it would show the cost of City Government to be less than it was in 1900, the year the charter went into effect.

Respectfully submitted,

JOHN GINTY,
Assessor.

Park Commissioners

YEARLY REPORT OF PARK COMMISSIONERS.

Pursuant to Section 9, Article 15, of the Charter of the City and County of San Francisco, the Park Commissioners herewith present their report for the fiscal year ending June 30th, 1914.

BOARD OF PARK COMMISSIONERS OF THE CITY AND COUNTY OF SAN FRANCISCO.

By W. H. METSON, President.

This balance does not include any claim to the items which appear to be due to the Park Fund on account of Taxes and other matters.

RECEIPTS.

Balance brought forward from 1913	$ 4,500.43	
Reconcilement with Auditor	1,317.82	$ 3,182.61
Taxes	367,725.39	
Special Appropriations:		
Res. 10,516—Arguello Boulevard Entrance	6,000.00	
Res. 10,887—Mission Park for lighting	120.00	373,485.39
Sundry Revenues:		
Children's Quarters Receipts	32,468.05	
Beach Chalet receipts	3,342.85	
Rent of Japanese Tea Garden	600.00	
Rent of Boat House	300.00	
Sale of buffaloes	1,200.00	
Sale of wool	82.84	
Sale of lambs	45.50	
Sale of donkey	25.00	
Sale of goat	12.50	
Sale of junk	7.00	
Academy of Science, constructing sewer	941.79	
Withdrawn from Mission Bank account rents-sales	260.89	
Returned empty cement sacks	234.35	
Default of Wave Motor Co	150.00	
Rent of Park Water—F. Rolandi	105.00	
United Railroad—right of way	100.00	
Expenses shipping elk	63,75	
City St. Improvement Co., oil, teams, Gr. High	52.37	
Pacific Gas & Elect. Co—supervising laying of gas mains	40.00	
Motorcycle permits	26.00	
Rebate on freight bill	13.06	
Miscellaneous	50.44	40,121.39
Total		$417,149.39

DISBURSEMENTS.

Golden Gate Park—		
Construction account	$ 40,088.54	
Maintenance account	201,962.15	$242,050.69
Small Parks and Squares—		
Construction account	14,095.20	
Mainteance account	75,585.91	89,681.11
Presidio Parkway—		
Construction	4,415.97	
Maintenance	5,233.16	9,649.13
Great Highway—		
Construction upper road (cont'd)	12,586.75	
Reconstructing Beach and Great Highway on account of damage done by storm of January, 1914	11,337.64	
Walk	241.50	
Cliff hill	741.00	
Maintenance—Great Highway	1,787.00	
Convenience station Great Highway	1,238.66	27,932.55
Museum—		
Construction—show cases	789.73	789.73
Maintenance—		
Labor	12,294.00	
Electric light	398.05	
General expense	316.84	
Insurance on Spooner collection	215.60	
Paints, oils, lights	104.61	
Brooms, brushes, mops, dusters, etc	132.76	
Hardware	130.91	
Electric heaters and fittings	83.70	
Supplies, Natural History Dept	110.66	
Lumber and millwork	74.50	
Crepe-sheeting-burlap, etc	69.98	
Stationery	71.65	
Coal	74.14	
Tungsten lamps	60.50	
Binding newspapers	59.50	
Supplies	29.25	
Spring Valley Water Co—connection	25.00	
Water	21.84	
Repairs to boiler	21.00	
Frames	13.50	
Asbestos paper	10.80	
Cartage	9.00	
Sundries	36.67	14,364.46
Music	10,677.50	
Programs	399.00	
Sheet music	368.74	
Instrument	100.00	11,545.24

DISBURSEMENTS—Continued

Administrative—		
Salaries—Superintendent and Clerk	5,400.00	
Secretary, Accountant, Stenographer	4,500.00	
Chauffeur	1,500.00	
Surveyor and draughtsman	508.25	11,908.25
Office Expense—		
Stationery, record books, printing demands, typewriting supplies, advertising for bids, postage, press clippings	374.41	376.41
Miscellaneous—		
Automobile and license	4,050.00	
Automobile supplies and fittings	1,675.68	
General expense, freight and express	457.61	
Surveying and draughting materials	46.12	
Printing Tennis Court rules	13.85	
Motorcycle shields	10.00	
Sundries	61.44	6,314.70
Balance forwarded to next fiscal year, 1914-15	2,537.12	2,537.12
Total		$417,149.39

CONSTRUCTION ACCOUNT.

Structures—		
Charles Page fountain, Music Court	$ 607.49	
Wire fence, Lincoln Way	554.25	
Concrete floor, Stables	514.75	
Japanese Temple	374.91	
Addition, Bear Cage	362.40	
Concrete benches	338.92	
Fly Caster's Pier, Stow Lake	288.95	
Mounting cannon, Pioneer Log Cabin	232.40	
Grand Stand, Tennis Courts, Portola Celebration	231.12	
Grand Stand, Verdi Monument unveiling	92.91	
Painters' ladders	80.15	
Wire fence, Fulton Street	48.15	
Fence, Buffalo paddock	35.71	
Motor house, Water Works (continued)	11.98	
Asphalt pavements—Hand Ball Courts	297.50	
Iron bench legs	270.00	
Swings and fittings for playgrounds	158.88	
Fences, stands, backstops, gates, etc.	298.73	
		$ 4,799.20
Water Works—		
Sump at North Wind Mill	4,590.03	
Sump at Murphy Wind Mill	2,454.54	
Water pipe extension	1,084.13	
Sump—Water Works	189.00	
Sanitary drinking fountains	87.13	8,404.83
Roads and Walks—		
Arguello Boulevard entrance (uncompleted)	4,692.60	
Road for automobiles	863.65	
Entrance 43rd Ave.—North	108.00	
Walk—Lincoln Way to South Drive	100.50	
Walk—Page Fountain (uncompleted)	30.00	5,794.75
Grounds—		
Labor, loam, seed, etc.	17,303.18	17,303.18
Drain—		
Academy of Science Building	866.30	
Conservatory Valley	173.00	
Account of Sunset Sewer	74.00	
North Wind Mill	52.00	
In general	587.24	1,752.54
Stadium—		
Judge's stand	75.58	
Grand Stand—Portola Celebration	184.34	259.92
Forestry—		
48th Ave. account Sunset Sewer	1,165.75	
In general	281.43	1,447.18
Conservatory—		
Oil burners (continued from last year)	25.94	25.94
Small Works—		
Wrecking wave motor—rockwork, etc.	301.00	301.00
Total		$40,088.54

MAINTENANCE ACCOUNT.

Structures—		
Labor	$ 7,056.70	
Paints, oils, lights	1,341.84	
Paints, oils, gasoline for boats	372.92	
Hardware	131.86	
Lumber	132.36	
Lavatory supplies and disinfectants	122.16	
Lumber, hardware, for benches	162.15	
Wire netting, etc., repairing fences	102.85	
Wire and staples, Hand Ball Court, Ball Grounds	125.11	
Plumbing supplies	66.26	
Mops, brooms, brushes, pails	61.00	
Rope and halyard	47.73	
Supplies—soap, cleaning fluid, etc	40.45	
Repairing swings, slides, etc	36.13	
Alcohol	16.50	
Wall paper	8.71	
Screens	4.84	
Sundries	128.03	
Lodge—		
Coal	210.35	
Rugs—hallway and office	75.01	
Electric light	42.65	
Water—Lodge and public fountain	33.25	
Locks for storeroom	10.38	10,329.24
Tennis Courts and Club House—		
Labor, nets, fittings	1,751.46	1,751.46
Water Works—		
Labor	7,772.50	
Electric power furnished windmills	1,298.60	
Fuel oil	1,071.32	
Repairs to machinery and fittings	510.95	
Electric power furnished Water Works	357.05	
Engine oil	285.31	
Boiler compound	212.81	
Belting	201.60	
Supplies—fittings for Windmills	302.98	
Water pipe and fittings	248.46	
Grate bars	180.00	
Coal oil	103.60	
Hardware	71.42	
Gauze—asbestos	54.13	
Waste, rags, packing	46.94	
Rubber boots	29.00	
Fire brick	28.00	
Electric light—Cottage	24.50	
Brass netting	20.19	
Supplies—Sundries	67.45	
Chopping wood and hauling for fuel	2,272.50	
Repairing Sump	1,621.25	16,780.56

Roads and Walks—		
Labor—cleaning, repairing, oiling	10,084.30	
Repairing South Drive, account Sunset Sewer	476.00	
Oil	1,585.16	
Screenings	544.25	
Rock	107.50	
Powder-fuse	83.14	
Boiler compound	72.10	
Hardware	4.50	
Sundries	8.02	12,964.97
Grounds—		
Labor	61,277.60	
Sulphate of copper, ammonia, blue stone	1,283.65	
Hose and fittings	702.10	
Plants, bulbs	382.48	
Grass seed	264.08	
Tree spray	80.00	
Seed	62.74	
Water—public fountains	63.62	
Twine	45.25	
Iron plates	37.50	
Lime	25.85	
Gopher poison and mole traps	28.10	
Netting	22.11	
Labels	16.10	
Fertilizer	12.12	
Stakes	11.00	
Ducking	10.50	
Hardware	5.05	
Sundries	17.09	64,346.94
Conservatory—		
Labor	5,162.25	
Painters	115.00	
Carpenters	1,355.95	
Fuel oil	390.63	
Bulbs, plants, seed	215.88	
Electric light	76.10	
Lumber and millwork	82.00	
Paints, oils, brushes	55.90	
Peat soil	50.94	
Putty, lights	36.11	
Black leaf	25.00	
Hardware	20.29	
Ground glass	7.50	
Rubber boots	7.25	
Sundries	9.85	7,610.65
Nursery—		
Labor	11,296.65	
Carpenters	32.25	
Painters	9.00	
Seeds	458.13	
Lumber	117.81	

Nursery—Continued—		
Rope yarn	42.60	
Fertilizer	30.85	
Paints, lights	29.66	
Loam	24.00	
Hardware	23.85	
Sulphate soda, potash	13.00	
Redwood shakes	11.25	
Roofing paper	5.50	
Wire and staples	5.77	
Black leaf	3.65	
Stationery	2.25	
Sundries	20.78	12,127.00
Rolling Stock and Implements—		
Labor	3,731.75	
Smithshop	779.47	
Tools	500.31	
Rolling stock	266.47	
Harness and repairs	162.90	
Lawn mowers and fittings	224.30	
Hardware	17.76	
Auto truck: gasoline, oil, tires, fittings	1,190.46	
Auto mower: gasoline, oil, repairs, fittings and supplies	379.31	7,252.73
Stables—		
Labor	2,233.00	
Feed and hay	9,707.75	
Harness	271.95	
Clipping horses	83.50	
Lumber	60.50	
Veterinary services	25.75	
Straw	23.75	
Brooms	19.50	
Drugs	14.23	
Electric light	6.75	
Supplies and sundries	52.95	12,499.63
Children's Quarters—		
Labor	8,713.30	
Carpenters, painters	257.00	
Supplies	16,158.28	
General expense and extra help	1,164.59	
Feed and hay for donkeys and goats	900.00	
Gas	432.80	
Laundry	319.07	
Coal	271.40	
Printing tickets, bills of fare, candy bags, etc.	161.25	
Water	130.63	
Harness	121.13	
Shades, curtains, drapes, carpet, linoleum	140.76	
Hardware	126.99	
Water cabinet and fittings	96.80	
Kitchen utensils and crockery	85.62	
Linen	82.96	

Children's Quarters—Continued—		
Giant Stride, flying rings, teeter ladders	85.72	
Paper napkins	74.10	
Individual sanitary drinking cups and stand	68.00	
Repairs to Merry-go-round	68.47	
Repairs to Ruud Heater	56.50	
Stationery	39.85	
Postal cards	30.00	
Uniforms	19.25	
Drugs, bandages	6.07	
Coal oil	5.40	
Sundries	36.95	
Free May Day Expenses	244.75	29,897.64
Beach Chalet—		
Labor	900.00	
Supplies	2,168.08	
Gas	81.55	
Laundry	64.11	
Linen	45.38	
Gas range	33.00	
Stationery	20.55	
Kitchen utensils, crockery	20.57	
Lavatory supplies	6.00	3,339.24
Live Stock—		
Buffalo, elk, deer, bear, birds, etc.		
Labor	4,166.25	
Feed	6,859.34	
Birds	202.00	
Lumber and labor for buffalo and elk crates	213.05	
Veterinary	42.25	11,482.89
Forestry—		
Labor, thinning and replanting	3,677.00	
Labor, Entomological Department	209.00	
Supplies Entomological Department	12.35	
Sundries	1.81	3,900.16
Stadium—		
Labor	4,449.75	
Labor—Painters	772.50	
Labor—Christmas Tree Exercises	129.25	
Labor—Portola Games	54.00	
Lumber, wire for fencing	75.85	
Lavatory supplies	10.50	
Hardware	4.30	
Sundries	22.40	5,518.55
Drains—		
Labor	1,848.90	
Repairing damages, account Sunset Sewer	265.00	
Sundries	46.59	2,160.49
Total		$ 201,962.15

SMALL PARKS AND SQUARES.

Construction and Maintenance—

Alta Plaza	$ 6,192.43	
Alamo	7,393.45	
Bernal	1,446.80	
Balboa	4,389.80	
Buena Vista	4,717.31	
Columbia	2,300.00	
Duboce	3,087.20	
Dolores	1,687.30	
Franklin	1,997.50	
Garfield	1,957.00	
Holly	3,373.45	
Hamilton	1,659.93	
Jefferson	5,717.41	
Lafayette	6,396.25	
Library Grounds	697.00	
Mission	8,741.27	
City Hall Grounds	484.00	
Portsmouth	1,392.50	
Schools	1,372.00	
Home or Stanley	244.23	
South Park	465.00	
St. Mary's	1,147.85	
Union	3,498.71	
Convenience Station—Union	1,517.31	
Washington	2,230.28	
Convenience Station—Washington	1,080.01	
Mountain Lake	136.50	
Telegraph Hill	40.00	
General Account	1,471.84	
Hospital Grounds	3.50	
Lincoln	8,832.03	
Parkside	30.40	
Coso	126.68	
Fairmount	245.96	
McKinley	3,608.21	89,681.11

CONSTRUCTION ACCOUNT.

Labor and Material—

Alta Plaza	Grounds, gutterways, tool house	$ 347.29
Alamo	Grounds, gutterways, fountains	1,534.50
Buena Vista	Grounds, cement steps, tennis courts walks and fountains	1,570.36
Duboce	Fountains	7.00
General account	Fountains	202.50
Hamilton	Fountains	3.50
Jefferson	Fountains	7.00
Lafayette	Grounds, walks, wall, steps, gutterways	2,166.90
Telegraph Hill	Fence posts	13.00
Library Grounds	Grounds	248.80
Mission	Parkways on 19th Street	765.50
City Hall Grounds	Grounds	27.00
St. Mary's	Flag pole and fittings	16.20
Washington	Tree stakes	21.00
Balboa	Fence	37.26
Lincoln	Grounds, golf links, convenience station, walks and fountains	3,239.32
Fairmount	Grounds fence	220.36
Mountain Lake	Grounds	59.50
McKinley	Grounds, swings, water pipe	3,608.21
		$ 14,095.20

MAINTENANCE ACCOUNT.

	Labor	Water	Sundries	Total
Alta Plaza	$3,639.00	$2,141.28	$ 64.86	$5,845.14
Alamo	3,336.25	2,500.20	22.50	5,858.95
Bernal	845.00	601.80	.....	1,446.80
Balboa	4,055.00	.....	297.54	4,352.54
Buena Vista	2,524.00	606.43	16.52	3,146.95
Columbia	1,728.50	564.00	7.50	2,300.00
Duboce	1,975.00	1,105.20	.....	3,080.20
Dolores	1,276.50	398.40	12.40	1,687.30
Franklin	1,277.50	720.00	.....	1,997.50
Garfield	1,274.00	678.00	5.00	1,957.00
Holly	2,572.50	800.95	.....	3,373.45
Hamilton	882.00	713.16	61.27	1,656.43
Jefferson	3,406.25	2,268.00	36.16	5,710.41
Lafayette	2,718.75	1,481.40	29.20	4,229.35
Fairmount	12.00	13.60	.....	25.60
Library Grounds	448.20	.....	.....	448.20
Mission	3,917.25	3,600.00	44.47	7,561.72
Convenience Sta., Mission	380.50	.....	33.55	414.05
City Hall Grounds	409.00	48.00	.....	457.00
Portsmouth	1,071.75	294.00	26.75	1,392.50
School Grounds	1,324.00	48.00	.....	1,372.00
Home	204.00	40.23	.....	244.23
South Park	285.00	180.00	.....	465.00
St. Mary's	836.50	295.15	.....	1,131.65
Union	2,810.50	600.00	88.21	3,498.71
Convenience Sta., Union	1,254.50	189.11	73.70	1,517.31
Washington	1,690.50	516.00	2.78	2,209.28
Convenience Sta. Washington	902.00	121.44	56.57	1,080.01
Mountain Lake	77.00	.....	.....	77.00
Telegraph Hill	27.00	.....	.....	27.00
General account	627.50	.....	641.84	1,269.34
Lincoln	5,399.00	36.86	156.85	5,592.71
Parkside	30.40	.....	.....	30.40
Coso	78.00	48.68	.....	126.68
Hospital Grounds	3.50	.....	.....	3.50
				$75,585.91

APPORTIONED ACCOUNT ESTIMATED.

Nursery—			
Maintenance Grounds, Golden Gate Park	$ 4,000.00		
Maintenance Grounds, Parks and Squares	1,127.00		
Construction Grounds, Golden Gate Park	6,000.00		
Construction Grounds, Parks and Squares	1,000.00	$	12,127.00
Stables—			
Maintenance Grounds, Golden Gate Park	3,000.00		
Maintenance Grounds, Parks and Squares	1,499.63		
Construction Grounds, Golden Gate Park	2,000.00		
Construction Great Highway	4,000.00		
Construction Presidio Parkway	1,000.00		
Construction Arguello Boulevard Entrance	1,000.00	$	12,499.63
Stock and Implements—			
Maintenance Grounds, Golden Gate Park	1,250.00		
Maintenance Roads and Walks	1,500.00		
Maintenance Parks and Squares	1,500.00		
Construction Grounds, Golden Gate Park	1,750.00		
Construction Roads, Golden Gate Park	252.73		
Construction Great Highway	1,000.00	$	7,252.73

BOARD OF PARK COMMISSIONERS,
CITY AND COUNTY OF SAN FRANCISCO,

W. H. METSON,
President.

JAS de SUCCA,
Secty. Park Commission.

Report of Sealer of Weights and Measures

San Francisco, Calif., July 16, 1914.

His Honor, James Rolph, Jr., Mayor,
Honorable Board of Supervisors,
San Francisco, Cal.

Sirs.—I have the honor to submit the following report of the work done by the department of Weights and Measures since its inception October 20, 1913, when Bill No. 2688, Ordinance 2442 (new series) relating to Weights and Measures in San Francisco became effective.

ORGANIZATION.

It was a month after my appointment as Sealer of Weights and Measures before suitable rooms and equipment for the office as required by law became available, and the work of the department was in consequence delayed for that length of time.

Section (2) of the Ordinance authorizes the Sealer of Weights and Measures to appoint four. deputy sealers of Weights and Measures, and with the authority of the Board of Supervisors by virtue of Bill (2688) approved September 22nd, 1913, by his Honor the Mayor, I appointed the following Deputy Sealers of Weights and Measures on November 26th, 1913.

M. J. Welch
Emile A. Calegaris
Thomas Flaherty
Samuel Shaen.

PREPARING FOR WORK OF SEALING AND INSPECTING.

As a preparation for the work of inspecting and sealing of Weights and Measures and of an effective enforcement of the many provisions of the statute, a careful study was made of the systems existing in other States and in some of the larger cities having effective weights and measures departments. I communicated with the weights and measure authorities of Boston, New York, Chicago, Cincinnati, Milwaukee and other cities as well as with the State Superintendents, and received from them copies of their methods of inspection and sealing and law enforcements.

The laws and regulations effective in other states and cities were carefully studied, and the suggestions of the officials entrusted with the enforcement of such laws were given careful consideration.

With the painstaking preparation thus outlined as a working basis, I had printed 20,000 pamphlets, extracts of the state statute, and had them distributed by the deputy sealers among the merchant trade of San Francisco and all parties interested therein, believing such work a necessary campaign of education in relation to weights and measures and the law requirements.

As soon as the rooms were made available for the department, the City Standards of weights and measures were transferred from the custody of Superintendent of Supplies to our department. These standards included balances, weights and measures furnished by the City of San Francisco by virtue of Bill No. 1815 of the Board of Supervisors August 21st, 1911, authorizing the acquirement of copies of United States standards of weights and measures pursuant to the several acts of Congress in legal relation thereto.

As these standards were inadequate for the full performance of the duties of the department of weights and measures of San Francisco as prescribed by the

new state statutes, there being no working standards available for the deputy sealers, it became necessary to make a careful selection of additional copies of standards.

The four deputy sealers were then provided with a case containing the following equipment.

Two 10 lb. nickel weights.
One 5 lb. nickel weight.
Two 2 lb. nickel weights.
Two 8 oz. nickel weights.
One 50 lb. Iron weight.
Distributed set avoir. weights 8 oz. to 1/32 oz.
Distributed set troy weights 30 oz. to .05 oz.
A set of heavy brass liquid measures.
1 gal., ½ gal., 1 qt., 1 pt., ½ pt., 1 gill.
Glass graduate.
Yard measure, 3 feet long.
Sealing stamp.
Lead seals and wire fastenings.
Tags "correct," "out of order," "condemned."
Certificates of inspection in triplicate.

Three buggies are furnished the department for conveying the deputies and equipment in their work of inspection. While the office force comprises four deputies, one of them divides his time in keeping office records, statistics and correspondence, and when not so engaged couples with one of the force in testing and inspecting.

With the department thus organized, excellent work has been accomplished in the short space of time of its existence, and is fully prepared to carry on all work in relation to weights and measures vastly beneficial to the people.

So far as relates to the inspection, testing, sealing or condemning of weights and measures, the greatest amount of time arises in testing the heavy scales in performing the duties prescribed by the statute.

In such instances deputies operate in pairs, making the test with 2,000 lbs. of test weights conveyed in wagons provided by the stables furnishing the buggies, with whom I have an arrangement to use wagons when required in lieu of buggies.

A preliminary inspection of grocery stores, meat markets, produce stores, delicatessen stores, bakeries, milk dairies, coal yards, etc., brought to the department much evidence of the great need of additional legislation to check and regulate the many short weights and customs that for years had been carried on by the tradesman of San Francisco.

Trade customs as a cloak were being used to cover up a multitude of inequitable practices.

The practice of selling butter by the roll to the consumer in large or small size existed in all branches of the trade. The large size was presumed to contain 2 pounds, the small size 1 pound, but in the tests made in the greatest degree showed the butter short in weight from 1 to 4 ounces.

In the purchase of bread an 8 ounce loaf of bread was dealt out to the consumer at the same cost of a 14 ounce loaf, five cents, and some 30% of the lighter weight bread were consumed daily.

In the sale of milk in San Francisco a condition of the grossest inequitable practices prevailed among 75% of the dairies and creameries. Approximately 35,000 gallons is consumed in San Francisco which is delivered, 60% in bottles and 40% in gallon measure; the gallon measure generally used were 3 gallon cans and were in 75% of the tests made short in their capacity from 1 pint to a quart and a pint, and the bottles averaged 25% short in capacity of from 5 to 10 drams to the pint.

So accustomed to short measure that prevailed among the milk dealers, it became the practice of the manufacturer to turn out their measures to suit the

short measure system of the milk trade and in some instances bottles were likewise made short in capacity to fit the inequitable practices that prevailed.

In the sale of liquid commodities in barrels, kegs, etc., the trade custom prevailed of selling commercial sizes of a 10 gallon, 5 gallon and 3 gallon packages that held only 8 gallons, 4 gallons and 2½ gallons, respectively.

New liquid measures were found on the shelves of many stores throughout the City that either through carelessness or intent were manufactured grossly short of their designed capacity.

Scales with worn springs, broken parts, worn beams, light poises and weights and a host of other imperfections were so common, that from the records of tests made 30% showed inaccurate.

Spring scales that were found in general use in the groceries, fruit stores, delicatessen stores, bakeries, etc., showed in many instances errors of inaccuracy of ¼ to 1 pound to the 10 pounds.

The so-called "Family Scale" was found being generally used for the sale of merchandise in various stores of the city and in each instance confiscated. This type of scale, also the brass hanging scale that does not show ounce graduations has been the subject of long and serious discussion between the Manufacturers' Agents and this department. In no instance in the many tests made of this type scale has the department found such instruments capable of retaining any degree of accuracy, and in consequence the sale of them for commercial purposes or the weighing of merchandise has been prohibited with the trade.

For family purposes, as the means of checking purchases of commodities in the ascertaining of weight, such type of scale is a necessity. Its construction being of a quality in cheapness, the type scale is sold at prices suitable for family use, where higher class and costly scales would not be acquired. In view of this necessity, and with an agreement made with the manufacturing agents, by which the "family type" scale is decorated on front dial the wording "this scale not legal for trade use" and on the back part of the scale the wording "This Scale Permitted for Household Purposes Only," I have permitted the sale of such type of scale in San Francisco. A large number of the family type, also the brass hanging scale were found on sale in the many wholesale and retail hardware dealers' stores throughout the city: at my direction the same were condemned, the local merchant returning the stock to the manufacturer.

The action of the merchant returning the instruments to the manufacturer enabled them to secure refund credit, and the intent and purpose of the law as far as this department is concerned, in dealing with incorrect weighing devices was fully complied with inasmuch as had this department made confiscation of the stock thereby causing the merchant a loss.

Another so-called trade custom was the including the weight of heavy paper containers, paper sacks and heavy wrappers in with the weight of commodities purchased. Containers used for butter weigh from ½ oz. to 1 and ½ ounces according to size: heavy bags used in the sale of sugar, rice and commodities sold in retail grocery stores from bulk weigh 1 and ½ ounces in some instances. When the dealer receives the price of butter, sugar, rice, etc., for such heavy containers and bags he is making a large and excessive profit.

The department has directed special attention in eliminating such practices by the dealer.

In a very short time after my appointment as Sealer, I realized that the state statute of weights and measures was inadequate to reach many of the trade customs and evils effecting weights and measures. I therefore after a careful study of conditions, particularly in matters that effected the commodities that are the common necessities of life, as well as the daily subsistence of the people, prepared and submitted to the Honorable Board of Supervisors an ordinance dealing in a direct purpose of ridding San Francisco of many so-called trade customs.

The ordinance embraced the articles of bread, meats, milk, coal, butter, hay. grain and mill-feed and ice.

Notice of intention to enact such ordinance was sent to the merchants interested throughout the city and after many conferences between the Honorable Board of Supervisors and the Merchants it was finally passed and approved by His Honor the Mayor on April 8th, 1914, and is known as Bill No. 2639 Ordinance No. 2698 (new series) of the laws of the City and County of San Francisco.

In addition to the above ordinance regulating the sale of commodities, a section of the ordinance governs the sale of merchandise by Peddlers and Hawkers insofar as their business relates to weights and measures. Under the provision, this class of tradesmen are compelled to call at the department of weights and measures prior to the License Collector issuing them a license and have their scale tested. Since the enactment of the ordinance 90% of the weighing devices presented by the peddlers and hawkers were confiscated. In no respect did the weighing devices in their use show the slightest degree of accuracy.

By this compulsory method of compelling the peddler and hawker to call at the department of weights and measures it afforded me an opportunity to personally meet, converse and educate each one of them as to the requirements of the law, the giving of net weight exclusive of their baskets used in the sale of produce and fruit and the net weight of fish exclusive of the plate heretofore weighed in with the commodity.

The passage of the new law through ordinance of the Board of Supervisors and His Honor the Mayor, has had a wholesome effect in regulating the method of sale of many commodities and correcting certain abuses that for years were sanctioned by custom.

I am herewith submitting a table which I deem the most adequate means of giving a comprehensive knowledge of the general character and extent of the work done under the weights and measures law of the State and ordinance of the Board of Supervisors of San Francisco, for the period of 8 months ending June 30th, 1914.

The table shows the number of scales of each kind, the number of weights and the number of measures of different kinds that have been inspected, sealed, condemned or confiscated during such time.

TABLE.

Scales	Inspected	Sealed	Condemned	Confiscated
Counter	5,681			
Spring	5,349			
Platform	1,541			
Beam	302			
Dorman (Wagon)	324			
Suspension	27			
Beef run	21			
Railroad track	7			
Hopper	1			
	13,253			
Measures.				
Liquid	8,302			
Gallon	4,255			
Yard	383			
	12,940			
Weights	11,484			
Peddlers' Certificates Issued	275			
Arrests—Extreme Violations	17			
Grand Total Inspections—				
Scales, Weights, Measures	37,677	19,525	4,943	8,271

The foregoing indicates that the weights and measure laws have been enforced to the fullest extent possible. It means that the strenuous efforts put forth in checking the use of inaccurate weighing and measuring devices throughout the city will result in a fabulous saving to the consumer.

It means that the former prevalent use of short measures, particularly milk measures will meet a quick termination.

It means that the thousands of inaccurate scales, weights and measures in common every-day use have either been corrected or confiscated for destruction. Furthermore it may be stated broadly that the existence of our city weights and measure department through its vigorous activities have brought about a great change in habits. In place of previous indifference, carelessness and neglect, there is now painstaking care in the matter of accuracy in weights and measures in San Francisco. This radical change in the habits and practices relating to weights and measures in the commercial trade of San Francisco is one of the greatest and most important results of our laws and the administration.

It is not to be implied that all the inaccurate weighing devices so far inspected have been found to be working against the consumer; while this is true in the greatest percentage of cases, yet many instances are in our record where scales were deceiving the merchant.

In one instance a large provision packer had in use a dorman scale over which he was daily buying commodities and on being tested by the department of weights and measures showed a shortage to him of 8 pounds in every 200 lbs. Similar instances constantly occurred in our daily work of inspection and testing. It will be seen from this, that an effective enforcement of the weights and measure law is a protection to the honest merchant as well as to the consuming public.

The work of the department in its campaign of education and correction of inaccurate weighing and measuring appliances has reached about all the retailers of commodities in San Francisco, and I am now engaged in closing up the work of inspection throughout the wholesale district.

Immediately after the inspection and testing work is completed I will institute a system of try-outs among the trade, in which purchases will be made by the deputies and in many other ways, packages put up for delivery re-weighed and liquid substances re-measured as it is possible a large percentage of inaccuracies, due either to carelessness or intent has not been wiped out.

Also under the provisions of Ordinance No. 2698 the department is empowered to stop wagons, trucks and all kinds of conveyers of coal, hay, grain and milk-feed enroute, and test the weight of such deliveries to ascertain their correctness which must correspond with a tag required under the ordinance to accompany the driver of the conveyance. Considerable of this character of work has been constantly going on in so far as possible under the circumstances, it being absolutely necessary that as a preliminary feature in establishing the bureau of weights and measures the weighing and measuring devices throughout the city should first be brought to a condition of correctness. However during our work of testing and sealing we take occasion to stop vehicles as before stated, to ascertain if they are conforming to the requirements of the law, and to date were compelled to make but two arrests in that respect and they were extremists. In the several other hold-ups we found either a conformity of the law or a simple violation such as not having a proper tag owing to the lack of knowledge of the law, wherein we furnished the needed information with a warning that a second offence will not be tolerated. With the inspection work concluded considerable more time will be directed to those tests of loads en-route and instances of violations will merit the severest punishment in prosecution.

In our city I believe that the scale and measure testing is the smallest part of our work, in fact, I must say that from experience so far gained, teaches me and I believe we are much more interested in the ultimate consumer than the

weighing or measuring instrument itself; thereby enabling the department to get in close touch with the actual purchaser of commodities.

In the work of eliminating incorrect weighing and measuring devices, also in regulating many of the prevalent trade customs so far, the co-operation of our merchants were extended to this department to the greatest degree and through such co-operation in our work the necessity of arrests was limited to a minimum number of 16.

The prevalent condition among the trade, in short weighing and measure, through previous indifference, carelessness, neglect and trade customs was the means through which this department of weights and measures could have daily filled the dockets of our police courts, with violaters of the laws.

The department took cognizance of the ignorance existing with violators to the fullest extent and assumed the policy of education and co-operation with all branches of the commercial trade in San Francisco.

I believe under the condition unearthed relating to weights and measures and the prevalent wrong doings in its regard could be as speedily eliminated by such a policy, and the consumer and purchasing public as vastly benefited, as had the department made wholesale arrests, branding our City merchants in a light of fraudulent practices, as well a shameful condition to spread at large among the outside world concerning the commercial tradesman of San Francisco.

EQUIPMENT MUNICIPAL DEPARTMENTS.

By order of the Supplies Committee of your Honorable Board in February, 1914, directing this department to inspect and test all weighing and measure instruments in the city use: the order was promptly complied with and a report made to the committee on February 7th, 1914, of the following findings.

I find in the use of the Fire Department 66 weighing instruments which on being adjusted and tested proved to be in every instance accurate, with three exceptions as shown in the report at the time made. In addition to the portable scales used principally for weighing coal in each fire house, they have a measured "bin" for wood measured at a cord regulation 4 x 4 x 8, into which wood is stacked and measured when received. The system in receiving correct weight and measurement in the Fire Department is excellent.

In the School Department, of the 89 schools visited, only 21 of them were found to have scales, and of the 21 tested and inspected 7 of them were useless, being broken and parts of the scale missing; in fact, the prevalent use of a scale in the schools so supplied is for purposes other than checking the correct weight of supplies. I am informed that coal for the School Department is weighed on leaving the coal yards and if this be the practice it is no precaution or protection to the city in receiving a correct weight of the deliveries to the many school houses. Likewise is their manner of receiving wood supply, no check is made at the school of the amount received.

In the Branch County Jails those institutions have two small portable scales which were found correct. I find, however, that no weighing of coal or measurement of wood is made at the institutions, consequently the city has no protection there as to the correct weight or measurement of its supplies.

At the Relief Home and County Hospital I find their weighing equipment in perfect condition, and the manner of checking and receiving correct weight and measurement of supplies to be excellent.

In the yards of the Board of Public Works I find the weighing instruments in perfect condition, but inadequate for the purposes of checking their correct weight of supplies. A team or large dormant scale is a needed necessity in that department on which the bulky commodities constantly received can be checked as to its correct weights in the protection of the city supplies.

The large team or dormant scales located at the Fire Department hay barn, the Fire Department corporation yard, the Relief Home and at the Golden Gate

Park Lodge were tested with 2000 of test weights, and in each instance found correct and in good condition beyond the necessity of having to use a tare beam in arriving at a balance of those scales owing to the water soaked condition of the platforms, it having rained continually at the time the inspections were made, causing the wooden platforms to absorb approximately 300 pounds of storm water, thereby making it necessary to arrive at a balance by use of the tare beams.

Another test of these heavy instruments will shortly be made under dry weather conditions.

NET CONTAINER ACT.

The Legislature of this State in 1913 enacted a law known as "An act to provide for the indicating of the net quantity of foodstuffs and stuffs intended to be used or prepared for use as food for human beings when sold or offered or exposed for sale in containers, and providing penalties for the violation thereof," which law became operative and in effect April 1st, 1914.

This law is of great importance to the consuming public, and while the merchants of this State were granted a year's time from its introduction to prepare their goods in containers to conform to the act, very slight preparation was made by the packer or manufacturer to do so.

The law makes provisions for labeling package goods so as to show the contents in terms of weight, measure or numerical count. Purchasers of food commodities concealed in package form should know the amount in weight or measure of their purchases equally as well as when they buy them in pounds, ounces, gallons, quarts, pints, etc., on a scale, or in a measure when the commodity is taken from bulk.

The act does not specifically express what department of the state, city, town or county shall prosecute its enforcement, but under the provisions of the Weights and Measure Act all laws effecting weights and measures must be enforced by the various departments of Weights and Measures of this State.

I, therefore, in connection with our work as heretofore mentioned, acquainted the San Francisco trade with the law, and as far as our time has permitted sought its enforcement in various branches of the trade. Its strict conformance is, however, not being adhered to by our San Francisco merchant, and I have refrained from prosecuting under its provisions awaiting the appointment by the Governor of our State of a Superintendent of Weights and Measures, as required by virtue of the Weights and Measure Act, and whose authority will have to be sought in ruling on what is the proper and correct marking on labels, label or cartons as required under the act.

The requirements as to labeling under the act as is provided vastly conflict with the act of the Federal Government, and as well with many other states from whence our California merchant receives package goods. One principal confliction is that the act of this State does not permit the designation of a liquid quantity in "fluid ounces," while the Federal law and those of other states provides for such a designation, and the largest majority of goods in liquid form in this city are labeled in the term "fluid ounces." This confliction, as well as the question of tolerances allowable by this State, and many minor deflections in both the Weights and Measure law and the Net Container Act, must be determined by an executive head of the State as provided by law in order that the sealers of the various counties, cities and towns in California may enter into prosecutions in strict conformity thereto in the enforcement of the law.

The appointment of such Superintendent of Weights and Measures by the Governor is daily anticipated, after which a strict conformity to all weights and measure regulations of this State shall be exacted by this department and a vigorous prosecution of the law waged among the trade.

In conclusion, I wish to state that great benefits have accrued to the people of San Francisco since the inception of this department.

It shall be my aim to honestly and rigidly enforce the laws relating to weights and measures that will prevent great financial loss to the purchasing public; that my policies will protect the consuming public as well as the honest merchant by eliminating many inequitable practices prevalent in our trade through trade custom and give to the merchants and manufacturers honest competition.

Respectfully submitted,

LAWRENCE J. DOLAN,
Sealer of Weights and Measures

Juvenile Detention Home

Honorable James Rolph, Jr.,
Mayor of the City and County of San Francisco, State of California.

Sir:—I beg to submit herewith the annual report of the Juvenile Detention Home for the fiscal year ending June 30th, 1914, as per section 9, Article XVI of the Charter of the City and County of San Francisco.

B. F. MONTGOMERY,
Superintendent.

Appropriation for Maintenance of Detention Home	$15,320.00
Special Appropriation	150.95
Expenditure for Maintenance of Detention Home	$15,596.19
Expenditure over Appropriation	125.24
Average in Detention Home per day	54
Subsistence per inmate per day	$ .2772
Subsistence per inmate per month	8.32
Maintenance per inmate per day	.7913
Maintenance per inmate per month	23.74
All overhead expenditures, including rent, electricity, water and gas:	
Maintenance per inmate per day	$ 1.023
Maintenance per inmate per month	30.69

NUMBER OF CHILDREN BROUGHT TO THE DETENTION HOME.

	Boys.	Girls.	Total.
1913—July	95	25	120
August	79	37	116
September	64	25	89
October	92	24	116
November	72	44	116
December	71	23	94
1914—January	59	18	77
February	75	34	109
March	97	45	142
April	96	38	134
May	83	38	121
June	68	32	100
	951	383	1334

DAILY AVERAGE, INCLUDING ATTENDANTS.

1913—July	47	1914—January	56
August	53	February	57
September	59	March	57
October	50	April	57
November	53	May	57
December	55	June	50

NUMBER OF MEALS SERVED.

1913—July	4,341	1914—January	5,217
August	4,931	February	4,841
September	5,282	March	5170
October	4,571	April	5,164
November	4,736	May	5,298
December	5,129	June	4,503

Total number of meals served.....59,183

HOSPITAL REPORT.

1913.

July—Children Treated	10
Days' Treatment	237
Aug.—Children Treated	18
Days' Treatment	245
Tonsil and Adenoid Operations	4
Sept.—Children Treated	11
Days' Treatment	201
Circumcisions	2
Salvarsan Treatments	4
Oct.—Children Treated	10
Days' Treatment	180
Salvarsan Treatment	1
Tonsil and Adenoid Operations	1
Circumcisions	2
Nov.—Children Treated	10
Days' Treatment	185
Salvarsan Treatment	1
Circumcision	1
Tonsil and Adenoid Operations	1
Dec.—Children Treated	10
Days' Treatment	219
Tonsil and Adenoid Operations	2

1914.

Jan.—Children Treated	42
Days' Treatment	269
Diphtheria Antitoxin	44
Tonsil and Adenoid Operations	3
Feb.—Children Treated	10
Days' Treatment	140
Tonsil and Adenoid Operations	2
Mar.—Days' Treatment	139
Children Treated	9
Circumcision	1
Tonsil and Adenoid Operations	8
Apr.—Children Treated	14
Days' Treatment	245
Tonsil and Adenoid Operations	7
Circumcision	1
Amputation of Finger	1

May—Children Treated	18
Days' Treatment	271
Broken Arm Reset	1
June—Children Treated	11
Days' Treatment	211
Vaccine for boils	1
Curetage	1
Total—Children Treated	173
Days' Treatment	2542
Tonsil and Adenoid Operations	20
Circumcisions	7
Amputation of Finger	1
Broken arm reset under anesthetic	1
Vaccine Treatment for Boils	1
Curetage	1
Salvarsan Treatments	6
Diphtheria Antitoxin	44

County Clerk's Report

San Francisco, July 1st, 1914.

Hon. James Rolph, Jr.,
Mayor of the City and County of San Francisco.

Dear Sir:

In compliance with Section 9, Article XVI, of the Charter of the City and County of San Francisco, I submit herewith the annual report of the office of County Clerk, for the fiscal year 1913-1914.

As to the conduct of the office of County Clerk, I attach and make a part hereof, excerpts from the report of the Grand Jury, in and for the City and County of San Francisco.

As may be seen by reference to the Financial Statement hereto attached, the office has not only been self-sustaining during my incumbency, but has been a source of great profit to the City and County, earning in excess of running expenses the sum of $539,494.60.

Respectfully submitted,

H. I. MULCREVY,
County Clerk and Ex-Officio Clerk of the Superior Court.

FINANCIAL STATEMENT, FIRST HALF FISCAL YEAR 1913-1914, ENDING DECEMBER 31, 1913.

Departments	July	August	September	October	November	December	Totals
General Department	$ 3,625.25	$ 3,567.00	$ 3,497.50	$ 3,560.50	$ 3,390.50	$ 3,471.75	$21,112.50
Quiet Title Department	182.70	373.35	348.60	315.15	215.25	363.55	1,798.60
Civil Department	1,069.15	1,205.25	1,269.25	1,335.00	1,224.25	1,369.50	7,472.40
Probate Department	1,251.25	1,036.25	998.50	1,186.50	989.50	1,320.75	6,782.75
Naturalization Department	40.00	37.00	64.00	27.00	34.00	37.00	239.00
Marriage License Department	1,032.00	1,084.50	1,143.00	1,127.00	1,054.50	1,059.50	6,500.50
Fines and Forfeitures—Superior Court	250.00	.....	.....	.....	1,010.00	1,510.00	2,770.00
Fines and Forfeitures—Police Court	3,904.00	3,209.00	3,723.00	4,258.00	4,239.00	4,922.00	24,255.00
Law Library Fees	1,096.00	1,156.00	1,104.00	1,162.00	1,077.00	1,186.00	6,781.00
Receipts	$12,450.35	$11,668.35	$12,147.85	$12,971.15	$13,234.00	$15,240.05	$77,711.75
Dibursements, Salaries	8,983.33⅓	8,983.33⅓	8,983.33⅓	8,983.33⅓	8,983.33⅓	8,983.33⅓	53,900.00
Excess of Receipts	$ 3,467.01⅔	$ 2,685.01⅔	$ 3,164.51⅔	$ 3,987.81⅔	$ 4,250.66⅔	$ 6,256.71⅔	$23,811.75

FINANCIAL STATEMENT, SECOND HALF FISCAL YEAR 1913-1914, ENDING JUNE 30, 1914.

Departments	January	February	March	April	May	June	Totals
General Department	$ 3,844.75	$ 3,629.50	$ 4,010.00	$ 3,796.75	$ 4,074.75	$ 3,124.00	$ 22,479.75
Quiet Title Department	316.75	329.35	321.35	261.75	244.95	342.70	1,816.85
Civil Department	1,242.00	1,268.00	1,390.00	1,466.25	1,258.00	1,282.75	7,907.00
Probate Department	1,326.25	1,139.50	1,381.00	1,260.25	1,291.30	1,207.00	7,605.30
Naturalization Department	20,793.00	42.00	50.00	56.00	65.00	50.00	21,056.00
Marriage License Department	1,012.00	974.00	831.00	1,104.00	1,009.50	1,398.00	6,328.50
Fines and Forfeitures—Superior Court	545.00	10.00	96.00	150.00	.....	.....	801.00
Fines and Forfeitures—Police Court	4,033.00	3,513.00	4,861.00	4,141.00	6,109.00	4,723.00	27,380.00
Law Library Fees	1,216.00	1,169.00	1,285.00	1,262.00	1,271.00	1,110.00	7,313.00
Receipts	$34,328.75	$12,074.35	$14,225.35	$13,498.00	$15,323.50	$13,237.45	$102,687.40
Disbursements, Salaries	8,983.33⅓	8,933.33⅓	8,983.33⅓	8,983.33⅓	8,983.33⅓	8,983.33⅓	53,850.00
Excess of Receipts	$25,345.41⅔	$ 3,141.01⅔	$ 5,242.01⅔	$ 4,514.66⅔	$ 6,340.16⅔	$ 4,254.11⅔	$ 48,837.40
Total Excess of Receipts, Fiscal Year 1913-1914							$ 72,649.15
Total Excess of Receipts, Fiscal Years 1905-06 to 1912-1913							466,845.45
Grand Total Excess of Receipts to June 30, 1914							$539,494.60

GENERAL DEPARTMENT.

		Totals
Civil Suits Filed—		
From April 18, 1906, to June 30, 1913	50,052	
From July 1, 1913, to June 30, 1914	7,629	
		57,681
Adoptions Filed—		
From April 18, 1906, to June 30, 1913	356	
From July 1, 1912, to June 30, 1914	77	
		433
Certificates of Incorporations Filed—		
From April 18, 1906, to June 30, 1913	11,112	
From July 1, 1913, to June 30, 1914	1,184	
		12,296
Certificates of Co-Partnership Filed—		
From April 18, 1906, to June 30, 1913	1,383	
From July 1, 1913, to June 30, 1914	455	
		1,838
Special Co-Partnerships Filed—		
From April 18, 1906, to June 30, 1913	27	
From July 1, 1913, to June 30, 1914	3	
		30
Auctioneers' Bonds Filed—		
From April 18, 1906, to June 30, 1913	125	
From July 1, 1913, to June 30, 1914	7	
		132
Official and Notarial Bonds Filed—		
From April 18, 1906, to June 30, 1913	131	
From July 1, 1913, to June 30, 1914	18	
		149
Oaths of Office Filed—		
From April 18, 1906, to June 30, 1913	2,156	
From July 1, 1913, to June 30, 1914	166	
		2,322
Candidates' Statements Filed—		
From April 18, 1906, to June 30, 1913	153	
From July 1, 1913, to June 30, 1914	1	
		154
Surety Company Certificates Filed		
From April 18, 1906, to June 30, 1913	34	
From July 1, 1913, to June 30, 1914	10	
		44
Superintendent Banks Certificates Filed—		
From July 1, 1909, to June 30, 1914	41	
		41
Torrens Land Act—		
From April 18, 1906, to June 30, 1914	7	
		7
Certificates of Appointment of Humane Officers Filed—		
From July 1, 1913, to June 30, 1914	265	
		265

CIVIL DEPARTMENT.

		Totals
Number of Civil Actions Filed—		
From April 18, 1906, to June 30, 1914		57,681
Number of Civil Actions Pending June 30, 1913	17,975	
Number of Civil Actions Filed—		
From July 1, 1913, to June 30, 1914	7,629	
		25,604
Number of Actions Adjudicated	4,197	
Number of Actions Dismissed	1,865	
Number of Actions Transferred	49	
Number of Actions Pending June 30, 1914	19,493	
		25,604

REMITTITURS FROM SUPREME COURT.

Remittiturs Filed—		
From April 18, 1906, to June 30, 1914		962
Remittiturs Filed—		
From July 1, 1913, to June 30, 1914		152
Remittiturs Affirmed	64	
Remittiturs Reversed	40	
Remittiturs Dismissed	48	
		152

JUSTICE COURT APPEALS.

Number of Appeals Filed—		
From April 18, 1906, to June 30, 1914		2,080
Number of Appeals Pending June 30, 1913	657	
Number of Appeals Filed—		
From July 1, 1913, to June 30, 1914	256	
		913
Number of Appeals Adjudicated	256	
Number of Appeals Dismissed	34	
Number of Appeals Pending June 30, 1914	623	
		913
Abstracts from Justice Court Filed—		
From April 18, 1906, to June 30, 1913	1,568	
From July 1, 1913, to June 30, 1914	234	
		1,802

QUIET TITLE DEPARTMENT.

(McEnerney Act.)

Number of Actions Filed—		
From June 16, 1906, to June 30, 1914		35,086
Number of Actions Pending June 30, 1913	3,050	
Number of Actions Filed—		
From July 1, 1913, to June 30, 1914	444	
		3,494
Number of Actions Adjudicated	866	
Number of Actions Pending June 30, 1914	2,628	
		3,494

PROBATE DEPARTMENT

Fiscal Year	Estate Commenced					Restored	Missing Persons	LETTERS ISSUED					Totals
	Deceased		Guardianship										
	Testate	Intestate	Minor	Incompetent	Insane			Testamentary	Administration	Administrator with Will	Special	Guardianship	
1906-1913	3,793	6,724	1,620	372	197	2,982	2	3,041	6,397	777	791	2,066	15,690
1913-1914	575	914	201	71	22	32	1	462	855	127	97	273	1,816
Totals	4,368	7,638	1,821	443	219	3,014	3	3,503	7,252	904	888	2,339	17,506

Number of Actions Pending June 30, 1913	11,378	
Number of Actions Filed from July 1, 1913, to June 30, 1914	1,816	
		13,194
Number of Actions Adjudicated	1,413	
Number of Actions Pending June 30, 1914	11,781	
		13,194

LICENSE DEPARTMTNT.

Fiscal Year.	Marriage Licenses Issued	CERTIFICATES RECORDED.						
		Medical	Dental	Optometry	Veterinary Certificates Filed	Osteopathy	Pharmacy	Miscellaneous
1906-1913	34,648	944	233	152	16	118	47	336
1913-1914	6,239	74	57	8	....	1	32	29
Totals	40,977	1,018	290	160	16	119	79	365

NATURALIZATION DEPARTMENT

Old Law—		Totals.
Declarations of Intention Issued:		
From April 18, 1906, to September 30, 1906		572
Naturalization of Aliens:		
From April 18, 1906, to September 30, 1906		148
New Law—		
Declarations of Intention Issued:		
From October 1, 1906, to June 30, 1913	8,772	
From July 1, 1913, to June 30, 1914	338	
		9,110
Certified Copies of Declarations of Intention Issued:		
From October 1, 1906, to June 30, 1913	161	
From July 1, 1913, to June 30, 1914	59	
		220
Declarations of Intention Cancelled:		
From October 1, 1906, to June 30, 1914		10
Naturalization Petitions Filed:		
From October 1, 1906, to June 30, 1914		9,394
Naturalization Petitions Pending June 30, 1913	713	
Naturalization Petitions Filed:		
From July 1, 1913, to June 30, 1914	2,450	
		3,163
Naturalization Petitions Granted	2,286	
Naturalization Petitions Denied	137	
Naturalization Petitions Cancelled	.....	
Naturalization Petitions Pending June 30, 1914	740	
		3,163
Certified Copies of Certificates of Naturalization Issued:		
From October 1, 1906, to June 30, 1913	44	
From July 1, 1913, to June 30, 1914	23	
		67

RESTORATION OF NATURALIZATION RECORDS.
(Old Law.)

Petitions Filed—		Totals.
From April 18, 1906, to June 30, 1914		5,613
Petitions Pending June 30, 1913	413	
Petitions Filed—		
From July 1, 1913, to June 30, 1914	471	
		884
Petitions Granted	394	
Petitions Denied	13	
Petitions Cancelled	.....	
Petitions Pending June 30, 1904	477	
		884
Naturalization Records Cancelled by the U. S. Court—		
To June 30, 1914		62

CRIMINAL DEPARTMENT.

		Totals.
Total Number of Criminal Actions Filed from April 18th, 1906, to June 30, 1914		6,414
Informations Pending June 30th, 1913 (defendants)	113	
Informations Filed Year Ending June 30th, 1914 (737)		
Defendants	812	
		925
Convicted and Sent to Prison	269	
Convicted and Fined	20	
Acquitted	114	
Dismissed	97	
Convicted and Admitted to Probation	234	
Transferred to the Juvenile Court	2	
Reserve Calendar—Being Fugitives from Justice, Committed to Insane Asylum or Convicted on Other charges	10	
Committed to Preston School of Industry	10	
Pending	169	
		925
Probation Revoked and Set Aside (Defendants Committed to Prison)	8	
Accusations Pending		2
Indictments Pending June 30th, 1913 (Defendants)	104	
Indictments Filed Year Ending June 30th, 1914 (27)		
Defendants	30	
		134
Convicted and Sent to Prison	12	
Acquitted	4	
Dismissed	40	
Probation	10	
Reserve Calendar	3	
Pending	65	
		134
Writs of Habeas Corpus—		
Writs Pending June 30th, 1913	14	
Writs Issued Year Ending June 30th, 1914	114	
		128
Writs Granted	31	
Writs Denied	34	
Writs Dismissed	32	
Writs Withdrawn	8	
Writs Pending	23	
		128
Commitments from Police Courts—		Totals.
Filed from April 18th, 1906, to June 30th, 1913	3,078	
Commitments fromPolice Courts—		
Filed from July 1st, 1913, to June 30th, 1914	799	
		3,877
Appeals from Police Courts—		
Appeals Pending June 30th, 1913	23	
Appeals Filed from July 1st, 1913, to June 30th, 1914	82	
		105

Appeals Affirmed	31	
Appeals Modified	11	
Appeals Reversed	28	
Appeals Dismissed	2	
Appeals Pending	33	
		105
Appeals to Supreme Court and District Court of Appeal—		
Appeals Pending June 30th, 1913	26	
Appeals Filed from July 1, 1913, to June 30, 1914	29	
Appeals Affirmed	19	
		55
Appeals Reversed	1	
Appeals Dismissed	1	
Appeals Withdrawn	3	
Appeals Pending	31	
		55
Total Number of Coroner's Testimony of Inquests Filed from April 18th, 1906, to June 30th, 1913	3,006	
Total Number of Coroner's Testimony of Inquests Filed from July 1st, 1913, to June 30th, 1914	659	
		3,665

JUVENILE COURT.

		Totals.
Petitions for Commitment of Dependent Children—		
Total Number of Petitions filed from April 18, 1906, to June 30, 1914 (5,372), Number of Children		7,303
Total Number of Petitions filed from July 1, 1913, to June 30, 1914 (472), Number of Children		773
Total Number of Dependent Children under the Jurisdiction of the Juvenile Court from July 1, 1913, to June 30, 1914		2,603
Number of Delinquency Cases Filed—		
From July 1, 1912, to June 30, 1914		1,232
Number of Cases Pending June 30, 1913	26	
Number of Cases Filed—		
From July 1, 1913, to June 30, 1914	613	
		639
Number of Cases Adjudicated	230	
Number of Cases Dismissed	239	
Number of Cases Ordered Off Calendar	149	
Number of Cases Pending June 30, 1914	21	
		639
Number of Contributory Cases Filed—		
From July 1, 1912, to June 30, 1914		90
Number of Cases Pending June 30, 1913	11	
Number of Cases Filed—		
From July 1, 1913, to June 30, 1914	50	
		61
Number of Cases Adjudicated	5	
Number of Cases Dismissed	19	
Number of Cases Ordered Off Calendar	14	
Number of Cases Pending June 30, 1914	23	
		61

STATE HOSPITAL DEPARTMENT.

		Totals.
Number of Examinations of Insane Persons—		
From April 18, 1906, to June 30, 1913	4,400	
From July 1, 1913, to June 30, 1914	683	
		5,083
Number Committed to State Hospital—		
From April 18, 1906, to June 30, 1913	3,006	
From July 1, 1913, to June 30, 1914	523	
		3,529
Number Examined and Discharged—		
From April 18, 1906, to June 30, 1913	1,384	
From July 1, 1913, to June 30, 1914	160	
		1,544
Died—		
From April 18, 1906, to June 30, 1913	10	
From July 1, 1913, to June 30, 1914	-------	
		10
Number of Persons (Insane) Discharged from State Hospital—		
From April 18, 1906, to June 30, 1913	1,092	
From July 1, 1913, to June 30, 1914	258	
		1,350

COMMITMENTS TO STATE HOSPITAL FOR INTEMPERANCE AND USE OF DRUGS.

Number of Examinations—		
From July 1, 1911, to June 30, 1913	466	
From July 1, 1913, to June 30, 1914	306	
		772
Number Committed to State Hospital—		
From July 1, 1911, to June 30, 1913	388	
From July 1, 1913, to June 30, 1914	261	
		649
Number Discharged by Commissioners—		
From July 1, 1911, to June 30, 1913	78	
From July 1, 1913, to June 30, 1914	45	
		123
Number Discharged from State Hospital—		
From July 1, 1911, to June 30, 1913	278	
From July 1, 1913, to June 30, 1914	181	
		459

HOME FOR FEEBLE MINDED.

Number of Examinations—		
From April 18, 1906, to June 30, 1913	162	
From July 1, 1913, to June 30, 1914	21	
		183
Committed to Feeble Minded Home—		
From April 18, 1906, to June 30, 1913	160	
From July 1, 1913, to June 30, 1914	21	
		181
Number Examined and Discharged—		
From July 1, 1907, to June 30, 1913	2	
From July 1, 1913, to June 30, 1914	.....	
		2

POLICE COURT.

		Totals.
Number of Misdemeanors Filed—		
From January 1, 1912, to June 30, 1914		47,296
Number of Misdemeanors Pending June 30, 1913	149	
Number of Misdemeanors Filed—		
From July 1, 1913, to June 30, 1914	19,996	
		20,145
Number of Misdemeanors Dismissed	14,657	
Number of Convictions	4,629	
Number of Misdemeanors Pending June 30, 1914	859	
		20,145
Number of Felonies Filed—		
From January 1, 1912, to June 30, 1914		6,156
Number of Felonies Pending June 30, 1913	269	
Number of Felonies Filed—		
From July 1, 1913, to June 30, 1914	2,682	
		2,951
Number of Felonies Held to Answer	799	
Number of Felonies Dismissed	1,699	
Number of Felonies Pending June 30, 1914	453	
		2,951

APPEALS.

Appeals Taken from July 1, 1912, to June 30, 1914		135
Appeals Pending June 30, 1913	14	
Appeals Taken from July 1, 1913, to June 30, 1914	82	
		96
Appeals Affirmed	31	
Appeals Modified	11	
Appeals Reversed	28	
Appeals Dismissed	2	
Reserve Calendar	.....	
Appeals Pending June 30, 1914	24	
		96

Report of Civil Service Commission

San Francisco, July 31, 1914.

To His Honor, The Mayor.

Sir:—In accordance with the provisions of Section 9, Article XVI of the Charter, the Civil Service Commissioners present herewith a report of the operations of their department for the fiscal year ended June 30, 1914.

During the said fiscal year the Commission held fifty-two regular meetings and ninety-two special meetings. The applications of four hundred and eighty-four laborers were registered, and sixteen examinations were held in which a total of twenty-one hundred and fifty applicants were examined.

The following is a schedule of the examinations held:

Name of Examination	Date	Examined	Passed	Failed
	1913			
Assistant Chief Engineers	July 23-24-25	11	7	4
Plumbing Inspectors	Sept. 27	34	10	24
Market Inspectors	Sept. 27	53	3	50
Pavers	Sept. 29	24	20	4
Rammers	Sept. 29	17	10	7
Car Repairers	Sept. 29	74	40	34
Court Stenographers	Oct. 4	10	0	10
Stenographer-typewriters	Oct. 11	79	28	51
	1914			
General Clerks	Jan. 17-24	882	466	416
Sergeants of Police	March 7	63	37	26
Engineers of Fire Engines	March 14	107	20	87
Telephone Operators	April 27	184	(a)	....
Granite Cutters	April 27	6	(a)	...
Jailers	April 28	297	(a)	....
Deputies, Sheriff's Office	April 29	251	(a)	....
Captains, Fire Department	May 23	58	(a)	....

(a) Rating of papers not yet completed.

The scopes of the foregoing examinations were as follows:

Assistant Chief Engineer:

Subject.	Weight.
General Knowledge of Duties	50
Writing of Reports	30
Arithmetic	5
Ascertained Merit	15
Total weight	100

Plumbing Inspectors:

Subject.	Weight.
General Knowledge of Duties	5
Writing of Report	2
Experience as a journeyman plumber	3
Total weight	10

Market Inspectors:

Subject.	Weight.
General Knowledge of Duties	6
Writing of Report	2
Experience	2
Total weight	10

Court Stenographers:

Subject.	Weight.
Shorthand Writing	60
Typewriting	10
Experience	30
Total weight	100

Stenographer-Typewriters:

Subject.	Weight.
Shorthand Writing	40
Typewriting	20
Letter Writing	10
Experience	30
Total weight	100

General Clerks:

Subject.	Weight.
Knowledge of Laws Relating to Duties	20
Letter Writing	15
Arithmetic	15
Penmanship and Neatness	30
Experience and Training	20
Total weight	100

Sergeants of Police:

Subject.	Weight.
General Knowledge of Duties	55
Writing of Report	15
Arithmetic	10
Seniority of Service	10
Meritorious Public Service	10
Total weight	100

Engineers of Fire Engines:

Subject.	Weight.
Knowledge of the Construction, Operation and Care of Fire Engines	65
Writing of Report	15
Experience	20
Total weight	100

Jailers:

Subject.	Weight.
Practical questions relating to duties	30
Writing of Report	15
Arithmetic	10
Athletic test	40
Experience	5
Total weight	100

Deputies, Sheriff's Office:

Subject.	Weight.
Practical questions relating to duties	30
Letter Writing	15
Arithmetic	15
Penmanship and Neatness	20
Experience	5
Athletic test	15
Total weight	100

Captains, Fire Department:

Subject.	Weight.
General Knowledge of Duties	50
Writing of Reports	30
Arithmetic	5
Ascertained Merit	15
Total weight	100

In the following non-educational examinations, the subjects and weights on a scale of 100 were: Experience, 60; physical fitness, 40:

Granite Cutters.
Car Repairers.
Rammers.
Pavers.

In the non-educational examination for telephone operators, the subjects and weights on a scale of 100 were: Experience, 90; physical fitness, 10.

The Commission is now preparing to hold examinations for Motormen and Conductors, Municipal Railways, Superintendent of the San Francisco Hospital, Health Officer of the Board of Health, Chief Inspector of the Department of Electricity, Photographers, Hydrantmen, Calkers, and examinations for various positions in the Bureau of Engineering. Over five thousand requests for applications have been received for examinations for motormen and conductors.

From July 1, 1913, to June 30, 1914, twelve hundred and sixty-four certifications covering both permanent and temporary appointments were made by the Commission as follows:

Department.	Class.	Number Certified.	
Auditor—			
	Experienced Clerk	1	
	Ordinary Clerks	13	
	Stenographer-typewriters	1	
			15

Department. Class.	Number Certified.	
Department of Electricity—		
Linemen	12	
Hostlers	1	
Painters	1	
Fire Alarm Operators	6	
Splicers	1	
Inspectors	1	
Ordinary Clerks	1	
General Clerks	1	
Laborers	6	
		30
Election Commission—		
Ordinary Clerks	96	
Stenographer-typewriters	3	
General Clerks	206	
Laborers	4	
		309
Fire Commission—		
Blacksmiths' Helper	1	
Firemen (Division E, Class I)	69	
Watchmen	2	
Engineers of Fire Engines	2	
Battalion Chiefs	2	
Captains	11	
Lieutenants	21	
Engineers of Stationary Steam Engines	4	
Firemen of Stationary Steam Engines	7	
Hostlers	1	
Assistant Chief Engineers	2	
Laborers	3	
		125
Board of Health—		
Hospital Stewards	20	
Graduate Nurses	7	
Matrons	3	
Plumbing Inspectors	2	
Veterinarians	3	
Gardeners	1	
Cooks	1	
Elevator Operators	3	
Market Inspectors	2	
Watchmen	8	
Health Inspectress of Schools	1	
Pantry Workers and Waiters	3	
Pharmacists	1	
General Clerks	3	
Chauffeurs	4	
		62

Department. Class.	Number Certified.	
Police Commission—		
Stenographer-typewriters	5	
Corporals	17	
Policemen	68	
Chauffeurs	2	
Lieutenants	4	
Captains	2	
		98
Civil Service Commission—		
Stenographer-typewriters	2	
		2
Board of Public Works—		
Painters	35	
Carpenters' Helpers	6	
Conductors, Municipal Railways	41	
Motormen, Municipal Railways	44	
Experienced Clerks	8	
Railroad Trackmen	19	
Tinners	13	
Carpenters	55	
Inspectors, Municipal Railways	2	
Cribbers	38	
Street Sweepers	1	
Plumbers	6	
Cement Finishers	4	
Cement Finishers' Helpers	7	
Pavers	9	
Watchmen	14	
Rammers	10	
Tinners' Helpers	1	
Assistant Civil Engineers	2	
Granite Cutters	5	
Engineering Draughtsmen	11	
Inspectors of Streets and Sewers	15	
Surveyors' Field Assistants	10	
Engineers of Stationary Steam Engines	4	
Stenographer-typewriters	2	
Chauffeurs	1	
Steam Fitters	1	
Bookkeepers	1	
Bricklayers	1	
Hodcarriers	1	
Janitors	4	
Glaziers	6	
Inside Wiremen	2	
Engineers of Setam Rollers	1	
Engineers of Hoisting and Portable Engines	3	
Ship and Machine Blacksmiths	1	
Sewer Cleaners	3	
Asphalt Workers	4	
Elevator Operators	2	

Department. Class.	Number Certified.	
Board of Public Works—Continued—		
Plumbers' Helpers	2	
Inspectors of Buildings	7	
Carriage and Wagon Painters	5	
Ship and Machine Blacksmiths' Helpers	1	
Quarry Drillers	3	
Ordinary Clerks	1	
Laborers	145	
		557
Tax Collector—		
Experienced Clerks	3	
Ordinary Clerks	63	
		66

The following is a list, by departments and classes, of Civil Service employes who have received appointment through Civil Service examination and were in the employ of the city on June 30, 1914:

Department. Class.	Number Employed.
Board of Public Works:	
Sewer Cleaners	12
Stenographer-typewriters	18
Bricklayers	7
Hodcarriers	8
Pavers	32
Rammers	24
Plumbers	14
Bookkeepers	2
Carpenters	22
Experienced Clerks	28
Painters	10
Inspectors of Side Sewers	1
Inspectors of Streets and Sewers	39
Inspectors of Buildings	20
Office Deputies	1
Superintendent of Stone Pavements	1
Inspectors of Complaints	2
Messengers	1
Surveyors' Field Assistants	46
Engineering Draughtsmen	21
Surveyors	9
Assistant Civil Engineers	34
Chief Assistant Engineers	1
Inspectors of School Buildings	2
Watchmen	38
Ordinary Clerks	5
Sidesewermen	29
Street Sweepers	158
Cribbers	22
Inside Wiremen	2
Asphalt Workers	67
Railroad Trackmen	22
Quarry Drillers	10

Department. Class.	Number Employed.
Board of Public Works—Continued—	
Janitors	42
Inspectors, Municipal Railways	7
Motormen, Municipal Railways	58
Conductors, Municipal Railways	59
Locksmiths	2
Blacksmiths	2
Blacksmiths' Helpers	2
Steam Fitters	1
Tinners	6
Tinners' Helpers	5
Granite Cutters	18
Carriage and Wagon Painters	6
Cement Finishers	3
Cement Finishers' Helpers	5
Elevator Operators	14
Carpenters' Helpers	3
Glaziers	1
Chauffeurs	1
Engineers of Stationary Steam Engines	14
Engineers of Hoisting and Portable Engines	6
Engineers of Steam Rollers	6
Laborers	334
	1,303
Board of Health—	
Experienced Clerks	6
Food Inspectors	2
Assistant Plumbing Inspectors	3
Market Inspectors	9
Messengers	1
Chief Sanitary Inspectors	1
Chief Plumbing Inspectors	1
Superintendent of Almshouse	1
Dairy Inspectors	2
Sanitary Inspectors	5
Laboratory Assistants and Apprentices	1
Industrial Inspectors	1
Disinfectors	2
Watchmen	14
Matrons	7
Ambulance Drivers	16
Graduate Nurses	37
Hospital Stewards	31
Stenographer-typewriters	6
Veterinarians	5
Health Inspectresses of Schools	8
Elevator Operators	3
Butchers	1
Gardeners	2
Cooks	12
Seamstresses	4
Laundry Workers	5
Engineers of Stationary Steam Engines	2

Department. Class.	Number Employed.	
Board of Health—Continued		
Pantry Workers and Waiters	7	
General Clerks	3	
Chauffeurs	2	
Pharmacists	1	
Plumbing Inspectors	2	
		203
Police Commission—		
Secretary	1	
Captains	10	
Lieutenants	18	
Sergeants	33	
Corporals	75	
Policemen	596	
Stenographer-typewriters	3	
Matrons	4	
Police Patrol Drivers	25	
Marine Engineers of Gasoline Engines	3	
Chauffeurs	2	
Hostlers	9	
Cooks	1	
		780
Fire Commission—		
Assistant Chief Engineers	2	
Battalion Chiefs	12	
Captains	60	
Lieutenants	80	
Firemen	476	
Engineers of Fire Engines	28	
Machinists	4	
Stenographer-typewriters	1	
Watchmen	4	
Hostlers	10	
Hydrantmen	3	
Pilots	4	
Marine Engineers	8	
Marine Stokers	8	
Blacksmiths	3	
Blacksmiths' Helpers	3	
Horseshoers	4	
Boiler Makers	2	
Harness Makers	2	
Carriage and Wagon Painters	2	
Firemen of Stationary Steam Engines	6	
Steamfitters	1	
Pattern Makers	1	
Carriage, Wagon and Automobile Woodworkers	2	
Engineers of Stationary Steam Engines	6	
Laborers	3	
		735

Department. Class.	Number Employed.	
Department of Electricity—		
Stenographer-typewriters	1	
Machinists	1	
Repairers	2	
Linemen	27	
Instrument Makers	6	
Inspectors	5	
Ordinary Clerks	2	
Hostlers	1	
Painters	1	
Laborers	3	
General Clerks	1	
Splicers	1	
Operators	12	
Carpenters	1	
		64
Tax Collector—		
Stenographer-typewriters	1	
Experienced Clerks	8	
Deputies	25	
Ordinary Clerks	1	
		35
Election Commission—		
Stenographer-typewriters	3	
Deputies	9	
Ordinary Clerks	44	
Watchmen	1	
Carpenters	1	
General Clerks	42	
		100
Auditor—		
Experienced Clerks	8	
Deputies	2	
Ordinary Clerks	3	
Stenographer-typewriters	1	
		14
Sheriff—		
Stenographer-typewriters	1	
		1
Recorder—		
Machinists	1	
		1
Civil Service Commission—		
Assistant Secretary	1	
Stenographer-clerks	3	
		4

Department.	Class.	Number Employed.
Police Courts—		
	Court Stenographers	2
		2
Police Pension Fund Commission—		
	Secretary	1
		1
Fire Pension Fund Commission—		
	Secretary	1
		1

The total number of city employes under Civil Service on June 30, 1914, including those that came under Civil Service by Charter provision, was 3813. Of this number 3244 received appointment through Civil Service examination. In addition several hundred temporary positions are filled each year by Civil Service clerks, mechanics and laborers.

Attached hereto is copy of the Civil Service rules and classifications as in effect June 30, 1914.

Very respectfully,

E. A. WALCOTT,
Commissioner.

B. B. ROSENTHAL,
Commissioner.

MATTHEW BRADY,
President.

Attest: JAS. J. MAHER,
Chief Examiner and Secretary.

Report of Widows' Pension Bureau

January 2, 1915.

Hon. James Rolph, Jr.,
Mayor City and County of San Francisco.

Dear Sir:—In compliance with Article XVI, Section 9, of the Charter of the City and County of San Francisco I have the honor to submit herewith the report of the Widows' Pension Bureau for the year ending December 31, 1914.

Respectfully submitted,

MARGARET C. NESFIELD,
Director Widows' Pension Bureau.

REPORT OF WIDOWS' PENSION BUREAU OF SAN FRANCISCO.

(January 1, 1914—December 31, 1914.)

"The mother as such is a social servant, discharging a State function. The real question does not move in the sphere of philanthropy at all, but in that of social obligation."—Kirkham Gray, "Philanthropy and the State."

ESTABLISHMENT.

The Widows' Pension Bureau of San Francisco (established under Assembly Bill 1108, approved May 26, 1913), started the year of January 1, 1914, with 508 applications on hand. Of these, the first 223 cases were placed on the list by order of Judge Murasky to be transferred after re-investigation from the Juvenile Court to the Widows' Pension Bureau. The 285 new applications were made between the time of the opening of this office, September 2, 1913, and January 1, 1914.

In San Francisco all aid for orphans, half-orphans and abandoned children is first advanced by the county and at the end of each six months a demand is made on the State for the amount of its share of indebtedness, which in cases of half-orphans is $6.25 per child. The Widows' Pension Bureau being established in September, 1913, three months after the budget for the fiscal year had been made appropriating $200,000 for the care of all dependent children in the county, the amount at the disposal of the just created office for the consideration of new cases was limited to $550 a month (plus a special grant of $1000), this being the sum which was saved through the re-investigation of Juvenile Court cases where family conditions had readjusted themselves, and help was no longer needed.

BUDGET 1914-1915.

In June, 1914, when the new budget was approved, the Widows' Pension Bureau received the amount of $107,000 for carrying out the provisions of the Assembly Bill. This amount was granted upon the presentation to the Finance Committee of the Board of Supervisors of the following facts: On the basis of aid extended in 114 cases accepted from the Juvenile Court list the average pension per family was found to be $21.33. The relative burden to the State and County in these cases averaged two-thirds State and one-third County. A summary of the work of the office showed:

Applications on hand March 20, 1914		564
Cases disposed of (recommended or refused)		252
Applications to be considered		312
Probable number to be recommended June 1, 1914 (two-thirds)		200
Families receiving pension and to be continued		155
Average number new applications per month		22
Average number new applications to be recommended		10
Totals:—200x12x$21.33	$51,200	
155x12x$21.33	39,680	
10 cases each month at $21.33	16,640	
	$107,520	

For the salaries and running expenses of the office an additional appropriation of $5,340 was made.

Up to date every demand made by San Francisco county on the State through the Widows' Pension Bureau has been paid in full. No case is put on

the pension demand until the State blank is completely filled out and sworn to, together with sworn statements of the death of the husband, of marriage, of residence, and, when it was demanded, for citizenship. It has been possible to get this evidence in duplicate (one copy for the State Board of Control and the other for the Widows' Pension Bureau) because of the generous co-operation of the Department of Health, of the Department of Elections and of the County Clerk's office, where all the necessary documents are furnished to the applicant and certified to without any extra charge. Although this has entailed a great deal of additional work, the men in these offices are always genuinely pleased to help a woman to obtain assistance toward keeping her little family in the home.

APPLICATIONS 1914.

During the year (January 1st-December 31, 1914) there were 257 new applications made, an average of twenty-two a month. These, added to the 508 applications on hand January 1, 1914, make a total of 775 names on file January 1, 1915. Of these, 694 have been investigated and 307 are receiving aid. These 307 families represent 723 children under the age of 14 years and probably 1000 children under the age of 17 years. The December demand on the Treasury for the care of these 307 families amounted to $6,663.40, an average of $21.70 per family. This increase over the estimate of $21.33 is probably due to the increased cost of living, but as the proportion of recommended cases is not quite so high as was calculated the appropriation of $107,000 for the fiscal year will be ample.

LEGAL REQUIREMENTS.

The requirements demanded for the receipt of aid under the Widows' Pension Act are: That the mother shall be a widow, who is endeavoring to maintain her half-orphan children under fourteen years in her own home; that the mother shall be in need and that she shall be a resident of the State for at least one year. When the Act was first passed there was a further requirement of citizenship of the parent and of three years' residence in the State. All institutions receiving State aid for orphans, half-orphans or abandoned children under the Act where thus debarred from demanding aid for the charges already in their care, where proof of the citizenship of the parents could not be established. A friendly suit was brought to test the legality of this restriction by the Sacramento Orphanage and Children's Home versus John S. Chambers, Comptroller of the State of California, and it was decided September 26, 1914, by Judge Burnett that the clause in question was unconstitutional. Since then citizenship has not been made a pre-requisite of aid and the former limitation of one year's residence in the State was adopted by the State Board of Control. It has been interesting to observe that the standard of the homes in these cases where the parent has not been interested enough in the community where his children are growing up to take out citizenship papers is almost invariably many degrees lower than the average American home. In considering the non-citizenship cases the mother is urged to learn enough English to at least enable her to take out her intention papers, and it is hoped that by supervision and insistence upon proper sanitation and adequate sleeping facilities that as the children grow older the standard of the household will more nearly approach that of the usual normal home.

ORDER OF CONSIDERATION.

It is a rule of the office that all cases must be considered exactly in the order of application. Families in which immediate aid is required—where there is no life insurance and no relative to help out—are referred to the regular chan-

nels where emergency help may be received. There is a lapse of about six weeks between the date of application and the recommendation for aid, and as the pension is paid at the end of the month, never in advance, another four weeks must pass before the mother has the money absolutely in her hands.

AMOUNT OF GRANT.

The amount of pension grants vary from $6.25 to $58.00. Although the latter figure seems a large one, attention is called to the fact that because of the definition of need imposed by the State Board of Control no children are cared for by the Widows' Pension Bureau who would not have otherwise had to be paid for in some institution; and in families where there are eight or nine children under 14 years and where there is almost no income the tax on the City and County and on the State if the home were broken up would be $88 or $99.

METHOD OF PAYMENT.

At the present time, pensions are not paid directly through the Auditor's office, but through the three child-placing agencies, the Associated Charities, the Catholic Humane Bureau and the Eureka Benevolent Society, as they had handled this branch of social work through commitment of families to their care by the Juvenile Court before the Widows' Pension Bureau was established. However, all applications for aid, investigations and recommendations are made by the Widows' Pension Bureau. The recommendations are approved by the Finance Committee of the Board of Supervisors. All records in cases are considered as confidential and the cases are presented to the Finance Committee of the Board of Supervisors for their approval in the form of a calendar simply containing the names, addresses, number in family, children under 14 years, income wihtout the pension, aid recommended and income with pension.

INITIAL VISITS.

All initial visits are made by the same Social Service Worker, who is also a trained nurse. This makes for uniformity of standard and also insures immediate attention where medical aid is needed.

In visiting the home stress is laid on the fact that the payment of the pension is a business proposition between the mother and the State and the City and County; that the element of charity does not come into the consideration of the case at all; but that the applicant must be able to show that she can give to her children as good care physically, mentally and morally as they would receive if they were being paid for in a first-class institution.

DEFINITION OF "NEED."

The State Board of Control has defined "need" as specified in the act to preclude any action on cases where there is money or property to the extent of $1000 or over. In the case of real estate the assessed valuation of property is taken, which is about 60% of the real value; also if the property is heavily mortgaged, the amount of mortgage is subtracted from the acutal value, and if the applicant's interest is over a thousand dollars the case is not considered. A second definition of "need" is that the minimum standard of living for a large family is $10 per capita and about $10 extra, the equivalent of rent. In families of three or less, $15 per capita is the basis of calculation. The total net assets

of the applicant are subtracted from the minimum standard of living thus arrived at and the recommendation for the pension is based upon the deficit.

Example: A widow with six children, three of them under the age of fourteen years, makes application for aid. She owns a little cottage, property valuation under $1000. This saves her probably $10 per month in rent. Two older children are working at $6.50 per week each; $1.50 per week each is deducted for carfare and lunches, making their wage-earning capacity $5 per week. The total income of the family is thus $50 per month. To maintain a proper home for seven people between $75 and $80 is needed. By committing two children at $11 each and one at $6.25 the mother receives a pension of $28.25 ($18.75 State and $9.50 county), bringing the family income up to $78.25. As the children grow older and can earn more this help is gradually withdrawn. Attention is called to the discrepancy in the California laws which provide that a child under 15 years may not work but that no child over 14 years is entitled to State aid. This subject will be considered during the present Legislature, and it is hoped that the age limit will be raised to correspond with the Child Labor law.

An effort is made that in each family the aid received should be adequate, so that once the pension is granted there will be no necessity of supplementary help from any source. Indiscriminate receiving always tends to lower the self-respect of the individual. In order to foster this sense of self-respect, which is the basis of all constructive social work, it has been arranged with the agencies that all widows' pensions be paid by ordinary bank checks and not by charity vouchers. In this way a mother may cash her check through the trades people in her neighborhood without the danger of their children greeting her little ones in the schools or on the streets as recipients of charity. When the recommendation for the pension has been passed upon by the Board of Supervisors, a letter is filled out and mailed to the beneficiary notifying her of the amount of pension granted, the date when the payment begins and the agency through which the money is to be received.

RESTRICTIONS.

While the mother is allowed to supplement her income by working outside of the home, provisión must be made either through relatives or through the day homes for the care of the children during her absence.

Another restriction that is imposed by the San Francisco office as far as possible is that no mother shall increase her income by having men roomers or boarders. This ruling obtains in most of the states where there are pension acts. The idea of keeping the family together in this way is the first one that comes to the mind of a mother who is left with a home and several little children to care for, but experience has proven that it is not only unwise, inasmuch as it provokes criticism, but because the moral standard of the home is often jeopardized. Out of the 307 families receiving aid there are now about sixteen who have men roomers, and this number will be decreased in the near future.

All cases where there is a question of the moral standard of the home, of the intemperance of the mother, of her unwillingness or inability to properly care for the children, or where there are older children in the home who should be compelled to work and contribute there share toward the support of the family, are referred to the dependency department of the Juvenile Court. This policy is an immense protection not only to the Pension Bureau but to the children in the homes in question, as the Judge of the Juvenile Court, should he decide that the case is worthy of consideration, can place the family on probation, and if this fails the younger children may legally be removed from the home and placed in private families or in institutions, where they will be properly protected. The Juvenile Court has officers who are legally authorized to insist upon a certain standard in these homes, to obtain employment for older children, and to see

that a just proportion of their wages is turned over to the mother. The insistance upon the moral standard of the home being beyond question also automatically refers all cases where the husband is in a state penitentiary for the commission of some crime and where the mother is in need of State or County aid to the consideration of the Juvenile Court, where the children may be classed as half-orphans. The handling of all such cases by the Juvenile Court where the merits of each one is decided upon by the Judge prevents the possibility of placing a premium upon wrongdoing.

CONSTRUCTIVE WORK.

Perhaps the most interesting part of the work of the Widows' Pension Bureau is the revisiting of the pension cases and the recommedation for the continuance, increase or withdrawal of aid by the social service visitor. In following up the cases the city has been districted and the visitor has a book with the names and addresses of all the families in each district and the amount of pension in each case, together with a list of the schools, the various church organizations, day homes, playgrounds, settlements and clinics in the neighborhood. This list enables the office to co-operate closely with all the organizations for social betterment. It is in this department of the work that the real value of the pension is strikingly evident. The improvement in the health of the mother and her children after the first six months, when the tension of nervous strain and overwork has been removed, and where the assurance of a regular income has made it possible to provide sufficient nourishing food, is most noticeable. There have been very many cases where, after the Pension Bureau has come to know the mother and the home situation better, arrangements have been made to increase the pension so that she may give more of her time to the care of her children and home, to conserve her strength and at the same time keep the income of the family up to the required standard. Another very marked improvement is evident in the change in housing conditions. In many cases, particularly where the death of the father occurred some years previous to the establishment of the Pension Bureau, the family has been obliged to sell much of the household furniture and to move to cheap and unsanitary lodgings, often to some of the little refugee cottages that are still to be found on the outskirts of the city and that were intended only as temporary refuges after the earthquake. It is most remarkable what an increased interest in the care of the home is shown by the children when the family has been induced to move to a place where there is plenty of sun, good plumbing and sufficient and well ventilated sleeping accommodations. Where no amount of work could make the old home attractive, every effort in the new environment shows for something. The time that was formerly spent playing on the streets is now devoted to "fixing up the house," and the results, not only in physical well-being but also in character development are most encouraging. These changes are evident not only to the visitor but to the teachers in the schools where the children attend. There is also a marked improvement in the health of the families in receipt of the pension, due to the co-operation of the child-placing agencies, the University of California Hospital. Lane Hospital, Children's Hospital, Mary's Help and St. Mary's Hospital and the Tuberculosis Society in extending clinical aid.

Samuel McCord Crothers, in his "Three Laws of Destiny," says: "We do not realize that everything which we call a virtue was at one time a perilous adventure in righteousness and that our commonest virtues were once acts prohibited which only the boldest spirits dared attempt." Modern legislation, which aims at recognizing the obligation of the community in helping a widowed mother to keep her little ones together, has been looked upon by most social workers as a "perilous adventure" indeed; one that would most probably wreck

the self-respect and self-reliance of a community by creating a large class of permanent dependents. So far as can be judged from a year and a half of careful work in San Francisco, Mr. Crothers' statement that the "perilous adventure" would resolve itself into the "commonest virtue" is literally true. The homes that have benefited by the administration of the Act in San Francisco speak for themselves and are the final justification for widows' pension legislation.

Respectfully submitted,

MARGARET C. NESFIELD,
Director Widows' Pension Bureau.

Dated January 2, 1915.

Report of Justices' Court

San Francisco, July 27, 1914.

To the Hon. James Rolph, Jr.,
Mayor of the City and County of San Francisco,
State of California:

Sir:—Pursuant to the provisions of Section 9 of Article XVI of the Charter of the City and County of San Francisco, I herewith submit the following report of the receipts and disbursements of the Justices' Courts and Clerk's Office for the fiscal year ending June 30th, 1914.

RECEIPTS EACH MONTH

For the Month of—	
July, 1913	$ 2,141.50
August, 1913	2,319.75
September, 1913	2,730.25
October, 1913	2,520.00
November, 1913	2,240.75
December, 1913	2,627.50
January, 1914	2,500.50
February, 1914	2,229.25
March, 1914	2,593.75
April, 1914	2,506.75
May, 1914	2,360.25
June, 1914	2,535.75
Total receipts for the term ending June 30, 1914	$ 29,306.00
Salaries of the Justices' Clerk and Assistants	10,800.00
Receipts in excess of the expenditures	$ 18,506.00

1913—	Number of Trials Paid for.	Number of Defaults Paid for.	Number of Appeals Paid for.	Amount received from Sundries.	Number of Complaints Paid for.
July	162	114	32	$65.50	665
August	176	145	29	56.75	708
September	224	151	31	77.25	824
October	200	142	20	76.00	770
November	195	116	21	62.75	670
December	203	141	29	61.50	823
1914—					
January	196	138	33	67.50	768
February	194	115	31	70.25	658
March	205	149	47	71.75	781
April	202	153	38	72.75	742
May	192	124	27	67.25	721
June	229	143	27	65.75	735
	2,378	1,631	365	$815.00	8,865
	$3.00 each	$2.00 each	$1.00 each		$2.00 each
	$7,134.00	$3,262.00	$365.00	$815.00	$17,730.00

Total receipts for the term ending June 30, 1914.....$29,306.00

TABULATION OF THE RECEIPTS AND DISBURSEMENTS OF THE SPECIAL DEPOSIT FUNDS.

July 1st, 1913, Cash on hand	$ 367.20
Received as deposits to July 31st, 1913	601.40
Cash on hand July 31st, 1913	$ 968.60
Disbursements to July 31st, 1913	322.70
Cash on hand July 31st, 1913	$ 645.90
Received as deposits for August, 1913	190.75
Cash on hand for August, 1913	$ 836.65
Disbursements for August, 1913	234.75
Cash on hand August 31st, 1913	$ 601.90
Received as deposits for September, 1913	514.45
Cash on hand for September, 1913	$1,116.35
Disbursements for September, 1913	214.95
Cash on hand September 30th, 1913	$ 901.40
Received as deposits for October, 1913	201.45
Cash on hand October, 1913	$1,102.85
Disbursements for October, 1913	435.00
Cash on hand October 31st, 1913	$ 667.85
Received as deposits for November, 1913	307.90

Cash on hand for November, 1913	$ 975.75
Disbursements for November, 1913	312.65
Cash on hand November 30th, 1913	$ 663.10
Received as deposits for December, 1913	206.60
Cash on hand December 31,st, 1913	$ 869.70
Disbursements for December, 1913	225.60
Cash on hand for January, 1914	$ 644.10
Received as deposits for January, 1914	418.25
Cash on hand January 31st, 1914	$1,062.35
Disbursements for January, 1914	443.75
Cash on hand January 31st, 1914	$ 628.60
Received as deposits for February, 1914	258.90
Cash on hand February, 1914	$ 887.50
Disbursements for February, 1914	387.05
Cash on hand February 28th, 1914	$ 500.45
Received as deposits for March, 1914	140.00
Cash on hand March, 1914	$ 640.45
Disbursements for March, 1914	98.70
Cash on hand March 31st, 1914	$ 541.75
Received as deposits for April, 1914	762.15
Cash on hand April, 1914	$1,303.90
Disbursements for April, 1914	809.75
Cash on hand April 30th, 1914	$ 494.15
Received as deposits for May, 1914	393.55
Cash on hand May, 1914	$ 887.70
Disbursements for May, 1914	628.55
Cash on hand May 31st, 1914	$ 259.15
Received as deposits for June, 1914	688.20
Cash on hand June, 1914	$ 927.35
Disbursements for June, 1914	423.75
Cash on hand June 30th, 1914	503.60

Respectfully submitted,

ROBERT W. DENNIS,
Justices' Clerk, New City Hall, San Francisco, Calif.

"A"

REPORT

OF THE

DEPARTMENT OF PUBLIC HEALTH

SAN FRANCISCO, CALIFORNIA

FOR THE

FISCAL YEAR JULY 1, 1913—JUNE 30, 1914

ARTHUR H. BARENDT, President.

GUY E. MANNING, M. D.
A. P. O'BRIEN, M. D.
GEORGE B. SOMERS, M. D.

LAURENCE ARNSTEIN.
FRANK J. KLIMM.
ARTHUR M. SHARP.

R. G. BRODRICK, M. D., Health Officer.
WM. C. HASSLER, M. D., Chief Sanitary Inspector.

ED. M. COFFEY, Statistician.

San Francisco, California, August 15, 1914.

Honorable James Rolph, Jr.,
Mayor, City and County of San Francisco.

Sir:—In conformity with the provisions of Article 9, Section 16 of the Charter of the City and County of San Francisco, I have the honor to submit herewith a report of the Department of Public Health covering the fiscal year ending June 30, 1914.

In formulating its report for the fiscal year 1912-13, this Department followed the recommendation of the American Public Health Association, namely, that an effort be made to create a uniformity in health reports for American cities, and in this report we will attempt to follow the procedure inaugurated at that time. We repeat here the plan of arrangement as set forth by the Public Health Association:

"A", Title page.
"B", Composition of the Board of Health.
"C", Financial Statement.
"D", Diseases Dangerous to the Public Health.
"E", Infant Mortality.
"F", School Inspection.
"G", Food Inspection.
"H", Nuisances.
"I", Municipal Wastes.
"J", Inspection of Plumbing.
"K", Research, Educational and Publicity Work.
"L", Other Work Done During the Year.
"M", Rules Passed Since Last Report.
"N", Local Problems.
"O", Recommendations.
"P", Vital Statistics.

"B" COMPOSITION OF THE BOARD OF HEALTH

No change in formation since report covering fiscal year 1912-13.

On November 18, 1913, Mr. Dennis J. Murray resigned as a member of the Board and Mr. Laurence Arnstein was appointed to fill the vacancy.

"C" FINANCIAL STATEMENT

A statement showing expenditures for Health work, including all branches, divisions, hospitals and institutions appears on page —— (Table No. 1).

"D" DISEASES DANGEROUS TO THE PUBLIC HEALTH

Sub. 1. Methods for Protection of Community.

Quarantinable Diseases.

Diphtheria—Quarantine period not less than ten days from date of notification to the Heauth Office, usual length of quarantine twenty-eight days. Two successive "Negative" swabs taken five days apart must be shown before quarantine can be raised and disinfection performed. All contacts of school age are excluded from school during period of quarantine.

Scarlet Fever—Four weeks from date of report of case to Health Office. All contacts excluded from school.

Poliomyelitis (Infantile paralysis)—At least thirty days from date of report of case to Health Office.

Smallpox—Police quarantine on premises, where cases are not removed to Isolation Hospital, such quarantine maintained until complete recovery is established.

Non-quarantinable Diseases.

The following diseases, while coming under the heading of "reportable" cases, are not subject to house quarantine, but periods of exclusion from school for patients and "Contacts," are fixed as follows:

Measles—Three weeks from date of report.

Parotitis (Mumps)—Two weeks from date of report.

Pertussis (Whooping Cough)—Two weeks after paroxysms have ceased.

Varicella (Chickenpox)—Two weeks from date of report.

Impetigo, Scabies and other like affections—These cases are excluded from attendance at school at the discretion of the Medical Inspector or school nurses until recovery is established and danger of communication of infection is removed.

In all cases of quarantinable diseases disinfection with Formaldehyde gas follows at the expiration of the time limit for quarantine, or upon notification of recovery, except in the case of smallpox, where sulphur fumigation usually follows.

Sub. 2. Comments on Prevalence of Disease.

Measles led off in the minor communicable diseases with a total of 1,996 cases for the fiscal year.

The lowest point reached was in October, 1913, when six cases were reported, the highest month being May, 1914, with 833 cases.

Whooping Cough showed a marked increase over 1912-13, there being 1,436 cases reported, as against 279 in the preceding year.

Diphtheria and scarlet fever as compared to the previous year showed a sharp increase.

Reference to Table No. 2 will show in detail all communicable diseases reported during the fiscal year.

Table No. 3 gives the cases reported and deaths from principal communicable diseases during the calendar year, 1913.

Table No. 4 shows cases reported and deaths from principal contagious diseases from the year 1907.

Sub. 3. Bacteriological Laboratory.

Table No. 5, prepared by the Director of Laboratories, shows examinations made during the year for diphtheria, typhoid fever and rabies. A paper on the rabies situation follows this table.

Sub. 4. Isolation Hospital.

Table No. 6 indicates admission made for treatment of various communicable diseases.

Sub. 5. Care of Cases Outside of Hospital.

Only cases admitted to the Isolation Hospital call for care upon the part of the city.

Sub. 6. Control of Tuberculosis.

The Department up to this time has not attempted in any general way to assume the burden of control of this situation. Only cases admitted to the Tuberculosis Hospital come directly under our jurisdiction.

This subject is rapidly becoming one of great moment to this municipality as it is to others, and eventually the establishment of a Bureau of Tuberculosis under control of the Department of Health will become an absolute necessity.

Sub. 7. Distribution of Antitoxin.

Table 8 indicates the extent of distribution of free diphtheria antitoxin for the fiscal year.

Sub. 8. Vaccination.

No compulsory vaccination law.

Sub. 9. Disinfection.

Table No. 9 gives figures showing work performed in this connection. (Cost of this feature is shown in Table 1.)

Sub. 10. Maritime Quarantine.

Not a municipal function.
Under Federal and State regulations.

"E" INFANT MORTALITY

Table No. 10 presents figures showing mortality of children under one year of age for calendar year 1913.

"F" SCHOOL HEALTH INSPECTION

Table No. 11 gives resume of work performed in this division during the fiscal year.

"G" FOOD INSPECTION

Table No. 12 gives a detailed statement of work performed in this division.

Sub. 1. Dairy Inspection.

Table No. 13 indicates the work of the two Dairy Veterinarians in the field. The activities of these inspectors are confined exclusively to the inspection of dairy ranches in outside counties, the product of which furnishes the city trade. In the inspection of milk this department lays great stress upon the necessity of absolutely clean conditions at the base of supply.

Sub. 2. Milk Inspection.

Table 14 gives the figures on samples of milk taken during the fiscal year for purposes of chemical and bacteriological analysis.

LABORATORY WORK ON MILK

Chemical (on milk)

4,457 samples of milk were subjected to chemical analysis.

Table 15 furnishes the results obtained from this work, showing the history in detail of all samples found below standard.

A statement of court results obtained against offenders is also shown.

Bacteriological (on milk)

Table 16 shows the bacteriological index of the city's milk supply for the fiscal year determined by the Levy method.

GENERAL LABORATORY WORK

Chemical Laboratory

Table 17 gives a general summary of analytical work done in the Chemical Laboratory including milk samples taken.

Results of water analysis appear on pages ..... to ..... (Table No. 19).

BACTERIOLOGICAL LABORATORY

Table 18 deals with seriological work performed in this division, as well as tests made to determine efficiency of various disinfectants.

Results of water analysis appear in Table No. 19.

Subs. 7 and 8. Meat and Provision Inspection.

Table No. 20 presents a complete report of inspections made, a record of condemnations and seizures made and figures covering number of cattle, etc., slaughtered for human use.

"H" NUISANCES.

Under this heading we include the following tables:
No. 21, Division of Industrial Inspection.
No. 22, Division of Sanitary Inspection.

"I" MUNICIPAL WASTES

Methods of collection and disposal of this material is under the direct jurisdiction of the Health Department. Removal of, not a municipal function.

Dumping is not allowed, all substances being destroyed by incineration. Destruction plants under private ownership.

"J" INSPECTION OF PLUMBING

Table No. 23 gives in detail the work performed in this division.
It also shows results obtained in examinations held for master plumbers.

"K" RESEARCH—EDUCATIONAL AND PUBLICITY WORK

Unfortunately funds are not available for carrying on the work of Education and Publicity such as we would most heartily desire. We are limited in this work to occasional lectures given to the public by the Health Officer on such subjects as "The Work and Aims of the Health Department, etc.," but general publicity through the medium of the press, by literature, pamphlets, etc., is signally lacking.

"L" OTHER WORK DONE DURING THE YEAR

Independent of the abatement of insanitary nuisances of a more or less general character, the Board of Health, sitting as a "condemnation" board has eliminated many insanitary structures through order of demolition, caused the rehabilitation of numerous others, and has vacated premises unfit for human habitation.

Table 24 gives a detailed resume of this work and also shows the expense of such procedure, which amount is exclusive of the sum of $25,000 spent by the Federal Government in the "Special Sanitation" campaign.

Revenue of Health Department.

Table 25 shows amounts collected during fiscal year for issuance of various classes of certified documents, etc.

It also gives a classified list of permits issued for carrying on those lines of industry requiring a certificate from the health officer.

Arrests for Violation of Health Ordinances.

Table 26 furnishes data showing arrests made, results obtained and fines imposed in the enforcement of health laws during the fiscal year.

"M" RULES PASSED SINCE LAST REPORT

Health Legislation Enacted.

During the fiscal year an ordinance was adopted by the Board of Supervisors upon the recommendation of this Department known as:

Ordinance No. 2639—"Providing for the issuance of Revocable Permits by the Board of Supervisors for the Construction and Maintenance of Stables in the City and County of San Francisco." (Approved February 26, 1914.)

This measure is in the nature of an amendment to the existing stable law, and is designed to give the Board of Supervisors the power to readily revoke permits in case of violation.

"N" LOCAL PROBLEMS

We have nothing to offer or any comment to make under this head. Our work is so diversified in its scope as to not permit of any particular concentration on any one local problem. These we meet as exigencies arise.

"O" INSTITUTIONS

Reports of institutions under control of this department will be found as below indicated:

Emergency Hospitals, Alanson Weeks, M. D., Chief Surgeon, Table 27.

City and County Hospital, Chas. M. Wollenberg, Supt. Pro. Tem., Table 28.

Tuberculosis Hospital, R. G. Brodrick, M. D., Superintendent, Table 29.

Isolation Hospital, Arthur A. O'Neill, M. D., Med. Supt., Table 6.

Relief Home for Aged and Infirm, Chas. M. Wollenberg, Supt, Table 30.

Division of Charities.

The report of the City Physician appearing in Table 31 sets forth the figures on free medical treatment given to the city's poor, visits to jails and prisons, investigation of accidents happening in connection with operation of public utilities, etc., and cases coming under the State Liability Law.

"P" VITAL STATISTICS

This division is completely covered by numerous tables.

We hope to be able in the compilation of future data under this heading to meet more closely the suggestions submitted by the American Public Health Association.

Respectfully submitted,

ARTHUR H. BARENDT,

President, Department of Public Health.

TABLE 1.

DIVISION OF ACCOUNTS

For the fiscal year 1913-1914, the Auditing Department shows in its statement of comparative units and costs an increase of work in the Central Office of 153,134 units. This is an average increase over the fiscal year 1912-1913 of .109 percent. In the thirteen bureaus in which the Central Office is divided, there is a decrease in cost of work in eight of them and an increase in five, while, in nine there is an increase of work and a decrease in four bureaus. These are bare figures founded on reports and of course the human equation which enters with each unit of work performed, cannot be computed in figures. But it is safe to say that there has been nearly an 11% increase in work and a reduction of cost. A careful perusal of the table of comparative units and costs will make this statement certain.

In the Auditing Department the work had been increased at a slight increase in cost of $.0006 per dollar expended. The requisitions issued and demands passed for the past two years are:

	Requisitions	Demands
1913-1914	7,403	4,914
1912-1913	6,615	4,712
Increase	788	202

This is a percentage of .087 considering the work on the pay rolls remains the same, as there is such a difference between the old and new methods that comparison is difficult. There is more time and detail with the present system as against the old, and this argues for the increase in work. The funds handled have increased $73,347.42, an increase in percent of .162.

Since the Department was established in 1908, the increase of funds for the past six years has been from $494,400.09 to $704,137.46, a difference of $209,737.37 or .426%.

The above figures or increase of work leads up to the continually growing fact that the work of the Auditing Department is on the increase. Much of the work that the Department is doing now is not done at the time it should. The monthly financial statement is seldom finished by the seventh of the following month and it should be done by the third of the month at the latest. Other similar cases occur, as postponing the auditing of bills for a week till another meeting of the Board of Health because of lack of time and opportunity. The time is coming when another clerk in this Department will be necessary. It may not be for three or four years, for the present force is able to handle all the work of a month without great difficulty within a month but there is at times delay when quick action should be had, and a postponing for a more opportune time the work of a given day.

TABLE 1—Continued.

STATEMENT OF UNIT COSTS CENTRAL OFFICE, DEPARTMENT OF PUBLIC HEALTH 1913-1914.

EXECUTIVE OFFICE.

	Funds, Dept. of Public Health	Other Funds
Salaries—		
Health Officer, Chief Clerk, Filing Clerk, Stenographer and two-thirds salary of Telephone Operator	$8,142.76	
Expenses—		
General and overhead expense of department, upkeep of automobile and photo work in condemnation and vacation proceedings	1,023.79	$ 186.43
Depreciation of Equipment—		
Value July 1, 1913	$2,285.90	
Purchased during year	1,338.01	
Purchased with other than Dept. funds	86.67	
Total	$3,710.58	
Less 10% for depreciation	371.00	
Rent, 1085 Mission St		4,100.00
Light, Gas and Electricity		471.81
Water		33.85
Stationery and Printing		1,279.13
Advertising		136.80
Postage		876.00
Salaries, two police officers detailed to Department of Public Health		2,928.00
Wages, Janitor furnished by Board of Public Works		1,080.00
Total	$9,537.61	$11,092.02

This total cost of executive office is to be divided among the different bureaus pro rata to the number of months worked during the fiscal year 1913-1914.

Total number of working months Central Office, 853.

Average pro rata of executive cost per working month, $11.181.

Average pro rata of rent, light, water, stationery, postage, referred to in the report as other costs per working month, $13.01

TABLE 1

FINANCIAL STATEMENT OF THE DEPARTMENT OF

	1913					
	July	Aug.	Sept.	Oct.	Nov.	Dec.
Central Office—						
Salaries	8287.50	8822.50	8827.50	8995.00	8944.00	8995.00
Expenses	956.79	893.70	1108.58	1089.09	1037.04	1223.76
Burial of Indigent Dead	217.00	206.50	129.50	217.00	130.00	234.50
Special Sanitation—						
Salaries	740.00	740.00	740.00	665.00	665.00	665.00
Maintenance	530.56	499.51	525.62	559.44	588.69	597.71
Emergency Hospital—						
Salaries	6110.30	6033.45	6116.00	6119.00	6119.00	6119.00
Maintenance	1005.74	1072.51	1222.98	1110.65	1160.06	1217.59
Special Appropriations	.....	325.00	.....	3600.00	.....	199.00
City & County Hospital—						
Salaries	4762.65	4878.95	4857.35	4844.35	4767.05	4738.20
Maintenance	7112.64	6628.37	6625.83	6596.62	6913.30	6780.46
Special Appropriations	.....	.....	.....	.....	.....	.....
Tuberculosis Hospital—						
Salaries	1812.70	1797.45	1850.00	1743.45	1978.40	2041.10
Maintenance	3418.13	3458.36	3032.89	3440.73	3924.55	3970.08
Isolation Hospital—						
Salaries	1180 35	1203.65	1298.50	1242.90	1243.40	1247.00
Maintenance	1170.67	1032.17	1067.54	1294.09	1217.80	1445.61
Special Appropriations	.....	.....	.....	.....	487.65	159.80
Relief Home—						
Salaries	5343.85	5399.00	5402.00	5395.50	5584.65	5462.50
Maintenance	11176.83	9692.29	10115.29	11369.94	11359.99	14031.28
Care of Unemployed	.....	.....	.....	.....	72.63	4657.76
Special Appropriations	.....	2175.00	122.03	55.75	885.55	94.01
Vacations and Relief	549.10	614.40	274.35	224.00	95.15	52.35
Total	54374.81	55472.81	53315.96	58562.51	57173.91	63931.71

—Continued.

PUBLIC HEALTH FOR THE FISCAL YEAR 1913-1914.

1914						Total		Balance	Appropriation
Jan.	Feb.	Mar.	Apr.	May	June				
8675.85	8896.30	8710.50	8971.00	8730.25	8711.50	.....	105566.90	753.10	106320.00
1121.14	1060.45	1064.00	1022.12	962.20	958.89	.....	12497.76	2.24	12500.00
245.00	189.00	304.50	206.50	245.50	203.00	.....	2528.00	1472.00	4000.00
665.00	665.00	658.35	665.00	671.00	743.00	8282.35	.....	.....	.....
565.28	516.06	624.92	541.10	513.13	653.93	6715.95	14998.30	1.70	15000.00
6122.00	6116.00	6124.85	6131.00	6131.00	6323.00	.....	73564.60	7.40	73572.00
1236.61	1051.30	1415.27	765.86	1298.44	927.50	.....	13484.51	15.49	13500.00
.....	.....	.....	.....	64.08	58.50	.....	4246 58	1355.42	5602.00
4725.30	4720.80	4728.20	4653.55	4886.85	4944.70	57507.95	.....	.....	.....
6028.66	6698.54	6679.97	6798.12	6557.61	7511.24	80931.36	138439.31	4.69	138444.00
.....	.....	3600.00	.....	.....	65.95	.....	3665.95	1334.05	5000.00
1931.45	2009.95	1899.25	1839.05	1945.35	1931.85	22780.00	....	.....	.....
3685.99	3349.28	4522.29	3981.42	4941.23	3777.11	45502.06	68282.06	1.94	68284.00
1244.20	1240.00	1305.80	1244.50	1285.00	1274.20	....	15009.50	.....	15009.50
1200.34	1274.71	1353.94	1257.82	1109.15	1121.94	.....	14545.78	.....	14545.78
.....	.....	.....	....	128.25	321.72	.....	1097.42	1474.58	2572.00
5439.00	5443.00	5416.00	5404.00	5396.00	5399.50	.....	65085.00	.....	65085.00
12077.35	12480.12	11258.28	11668.80	10381.17	12885.19	138496.53	.....	.....	.....
13662.97	6270.50	972.12	500.00	500.00	500.00	27135.98	165632.51	.....	165632.51
117.99	30.00	16.25	.....	....	.....	.....	3496.58	3.42	3500.00
50.00	68.35	35.00	34.00	.....	.....	....	1996.70	3.30	2000.00
68794.13	62079.36	60689.49	55683.84	55746.21	58312.72	.....	704137,46	6429.33	710566.79

TABLE 1— Continued

	D. of P. H. Funds	Other Funds	Total	Units of Work	Total	Average
AUDITING DEPARTMENT—						
Salaries, Auditor and Clerk	$ 3,300.00	.....	.....	.....	.....	.....
Expenses	6.70	.....	.....	.....	.....	.....
Pro rata of executive cost 24 months' work	268.35	.....	.....	.....	.....	.....
Pro rata of other costs	.....	312.00	.....	.....	.....	.....
Printing	.....	86.95	3,974.00	.....	.....	.....
Total Amount expended	.....	.....	.....	704,137.46	.....	.....
Cost of expense per dollar	.....	.....	.....	.....	.....	.0056
BUREAU OF VITAL STATISTICS—						
Salaries, three clerks	4,080.00	.....	.....	.....	.....	.....
Expenses	10.17	.....	.....	.....	.....	.....
Pro rata of executive cost 36 months' work	402.60	.....	.....	.....	.....	.....
Pro rata of other costs	.....	468.00	.....	.....	.....	.....
Printing	.....	244.97	5,205.74	.....	.....	.....
Burial, Cremation, Disinterment and Miscellanoeus Permits issued	.....	.....	.....	11,556	.....	.....
Abstract of Birth and Death Records issued	.....	.....	.....	1,376	.....	.....
Births and Deaths recorded	.....	.....	.....	15,947	28,879	.....
Cost of each unit	.....	.....	.....	.....	.....	.1802
BUREAU OF LABORATORIES—						
Salaries, director, bacteriologist, two chemists and four assistants	10,957.60	225.00	.....	.....	.....	.....
Expenses	1,365.16	147.92	.....	.....	.....	.....
Pro rata of executive cost 95 month's work	1,062.35	.....	.....	.....	.....	.....
Pro rata of other costs	.....	1,235.00	.....	.....	.....	.....

Printing			101.36				
Water			107.84				
Depreciation of Equipment:							
Value July 1, 1913	$1,708.87						
Purchased during year	176.68						
Purchased with other funds	5.88						
Total	$1,891.43						
Less 10% for depreciation		189.15		15,391.38			
Bacteriological Examinations					14,743		
Chemical Analyses					5,368		
Pasteur Treatments					901	21,012	
Cost of each unit							.7325

TABLE 1—Continued.

BUREAU OF SANITATION—GENERAL AND OVERHEAD COSTS.

	Dept. of P. H. Funds	Other Funds
Salaries:		
Chief Sanitary Inspector, Clerk, Bureau of Sanitation, Two Stenographers and one-third salary of telephone operator	$6,583.59	
Expenses	416.86	$ 13.75
Printing		399.76
Pro rata of Executive Costs 49 months' work	547.91	
Pro rata of other costs		637.00
Total		$8,598.87

The total cost of the Bureau of Sanitation is to be divided among the different bureaus pro rata to the number of months worked during the fiscal year 1913-1914.

Total number of working months	649
Average pro rata of bureau cost	13.25

TABLE 1Continued.

	Funds D. of P. H.	Funds Other	Total	Work Units of	Total	Average
SANITARY INSPECTION—						
Salaries of four inspectors	$ 6,240.00	----------	----------	----------	----------	--------
Transportation and expenses	679.95	47.50	----------	----------	----------	--------
Pro rata of executive cost 48 months' work	536.75	----------	----------	----------	----------	--------
Pro rata of other costs	----------	624.00	----------	----------	----------	--------
Pro rata of Bureau of Sanitation costs	636.00	----------	8,764.20	----------	----------	--------
Number of inspections made on complaint	----------	----------	----------	7,732	----------	--------
Number of premises placed in quanantine	----------	----------	----------	934	----------	--------
Number of infectious diseases investigated	----------	----------	----------	7,891	16,557	--------
Cost of each unit	----------	----------	----------	----------	----------	.529
DISINFECTION—						
Salaries of two disinfectors	3,000.00	----------	----------	----------	----------	--------
Transportation	1,080.00	----------	----------	----------	----------	--------
Expenses	490.11	198.24	----------	----------	----------	--------
Pro rata of executive cost 24 months' work	268.35	----------	----------	----------	----------	--------
Pro rata of other costs	----------	312.00	----------	----------	----------	--------
Pro rata of Bureau of Sanitation costs	318.00	----------	----------	----------	----------	--------
Printing	----------	28.00	----------	----------	----------	--------
Number of rooms disinfected	----------	----------	----------	----------	3,414	--------
Cost per room	----------	----------	----------	----------	----------	1.668
PLUMBING INSPECTION—						
Salaries of chief and five inspectors	11,070.00	----------	----------	----------	----------	--------
Transportation	2,040.33	----------	----------	----------	----------	--------
Pro rata of executive cost 72 months' work	805.05	----------	----------	----------	----------	--------
Pro rata of other costs	----------	936.00	----------	----------	----------	--------
Pro rata of Bureau of Sanitation costs	954.00	----------	----------	----------	----------	--------
Printing	----------	18.55	15,823.93	----------	----------	--------

	Funds D. of P. H.	Funds Other	Total	Work Units of	Total	Average
Number of plans examined	.....	.....	.....	1,498	.....	.....
Inspection on construction and sewers	.....	.....	.....	17,626	.....	.....
Inspection of nuisances	.....	.....	.....	3,988	23,112	.....
Cost of each unit	.....	.....	.....	.....	.....	.684
MARKET INSPECTION—						
Salaries of 3 veterinarians and 14 inspectors	23,553.20	.....	.....	.....	.....	.....
Transportation and expenses	207.79	12.25	.....	.....	.....	.....
Pro rata of executive costs 202 months' work	2,258.40	.....	.....	.....	.....	.....
Pro rata of other costs	.....	2,628.02	.....	.....	.....	.....
Pro rata of Bureau of Sanitation	2,676.40	.....	.....	.....	.....	.....
Printing	.....	146.22	31,482.28	.....	.....	.....
Places inspected	.....	.....	.....	27,723	.....	.....
Cattle, sheep, hogs, goats slaughtered and inspected	.....	.....	.....	878,432	.....	.....
Poultry and game, dozens	.....	.....	.....	220,266	.....	.....
Fish, boxes of 200 lbs.	.....	.....	.....	34,908	1,161,329	.....
Cost of each unit	.....	.....	.....	.....	.....	.027
FOOD INSPECTION—						
Salaries of 2 inspectors	2,072.00	.....	.....	.....	.....	.....
Transportation and expenses	121.49	.....	.....	.....	.....	.....
Pro rata of executive costs 18 months' work	201.30	.....	.....	.....	.....	.....
Pro rata of other costs	.....	234.00	.....	.....	.....	.....
Pro rata of Bureau Sanitation	238.50	.....	.....	.....	.....	.....
Printing	.....	5.86	2,873.15	.....	.....	.....
Number of inspections made	.....	.....	.....	.....	4,539	.....
Cost of each inspection	.....	.....	.....	.....	.....	.633
DAIRY INSPECTION—						
Salaries of 2 veterinarians and 2 inspectors	5,708.52	.....	.....	.....	.....	.....
Transportation and expenses	2,341.22	4.00	.....	.....	.....	.....

Pro rata of executive costs 42 months' work	469.65	.....	.....	.....	.....	.....
Pro rata of other costs	.....	546.00	.....	.....	.....	.....
Pro rata of Bureau of Sanitation	556.50	.....	9,625.89	.....	.....	.....
*Dairies inspected in San Francisco	.....	.....	.....	339	.....	.....
*Daries inspected in other counties	.....	.....	.....	1,065	.....	.....
*Dairy depots	.....	.....	.....	2,596	.....	.....
*Miscellaneous milk venders	.....	.....	.....	863	.....	.....
Cows inspected	.....	.....	.....	113,347	.....	.....
Samples of water for analyses	.....	.....	.....	67	118,277	.....
Cost of each unit	.....	.....	.....	.....	.....	.081
MILK INSPECTION—						
Salaries of food and dairy inspectors	1,505.47	.....	.....	.....	.....	.....
Expenses and Transportation	223.05	.....	.....	.....	.....	.....
Pro rata of executive costs 13 months' work	145.40	.....	.....	.....	.....	.....
Pro rata of other costs	.....	169.00	.....	.....	.....	.....
Pro rata of Bureau of Sanitation	172.20	.....	2,215.12	.....	.....	.....
Samples of milk collected from all sources	.....	.....	.....	.....	4,529	.....
Cost of each sample taken	.....	.....	.....	.....	.....	.489
INDUSTRIAL INSPECTION—						
Salaries of 2 inspectors	2,714.01	.....	.....	.....	.....	.....
Transportation and expenses	172.31	2.00	.....	.....	.....	.....
Pro rata of executive costs 23 months' work	257.20	.....	.....	.....	.....	.....
Pro rata of other costs	.....	299.00	.....	.....	.....	.....
Pro rata of Bureau of Sanitation	304.70	.....	.....	.....	.....	.....
Printing	.....	3.16	3,752.38	.....	.....	.....
Number of inspections	.....	.....	.....	.....	8,981	.....
Cost of each inspection	.....	.....	.....	.....	.....	.419
SCHOOL MEDICAL INSPECTION—						
Salaries of 3 medical inspectors and 14 nurses	16,225.00	.....	.....	.....	.....	.....
Expenses and Transportation	1,058.64	16.45	.....	.....	.....	.....

*Includes cans and appliances.

	Funds D. of P. H.	Funds Other	Total	Work Units of	Total	Average
Pro rata of executive costs 196 months' work	2,191.30					
Pro rata of other costs		2,549.00				
Pro rata of Bureau of Sanitation	2,596.87					
Printing		166.05	24,803.31			
Examination by medical inspectors				9,902		
Examinations by nurses including dressings and treatments				138,799		
Home visits				9,109	157,810	
Cost per unit						.157
CITY PHYSICIAN—						
Salary		1,650.00				
Expenses and Transportation	160.25	6.51				
Pro rata of executive costs 11 months' work	123.00					
Pro rata of other costs		143.00				
Pro rata of Bureau of Sanitation	145.70		2,228.46			
Visits and treatments				851		
Visits and treatments City Prison				1,671		
Vaccinations and redressings				2,658		
Municipal Railroad Accidents, visits to injured reported				41		
Liability Act visits to injured				20		
Samples taken and submitted to laboratory for analyses				12	5,253	.424

COMPARATIVE STATEMENT OF UNITS OF WORK AND COSTS OF EACH UNIT WITH PREVIOUS YEARS.

	1910-11	1911-12	1912-13	1913-14	Increase	1912-13	1913-14	Decrease
	Cost per Dollar		Amount Expended			Cost per Dollar		
Auditing Department	.005	.005	$ 630,790.04	$ 704,137.46	$ 73,347.42	.0053	.0056	**.0006
	Cost per Unit		Units of Work			Cost per Unit		
Bureau of Vital Statistics—Certificate recorded or permit issued	.195	.175	31,510	28,879	*2,631	.159	.1802	**.0212
Bureau of Laboratories—Examination or analysis	†1.553	†.984	†17,612	21,012	3,400	†.859	.7325	.1265
Sanitary Inspection—Inspections	.632	.508	16,572	16,557	*15	.518	.529	**.011
Disinfection—Rooms disinfected	1.899	2.05	3,266	3,414	148	1.804	1.668	.136
Plumbing Inspection—Inspections	.572	.83	22,696	23,112	416	.713	.684	.029
Market Inspection—Markets and Cattle	.02	.013	1,072,327	1,161,329	89,002	.026	.027	..001
Food Inspection—Inspections	.703	.486	4,974	4,539	*435	.549	.633	**.084
Dairy Inspections—Dairies, Depots and Cows	.684	.108	109,660	118,277	8,617	.0816	.081	.0006
Milk Inspection—Samples	.383	.35	4,605	4,529	*76	.427	.489	**.062
Industrial Inspection—Inspections	.499	.521	7,187	8,981	1,794	.494	.419	.075
School Medical Inspection — Examinations, Treatments and Dressings	.319	.157	109,308	157,810	48,502	.202	.157	.045
City Physician—Visits and Treatments	.735	.537	841	5,253	4,412	1.43	.424	1.006
Total			1,400.558	1,553,692	153,134			

† In previous years, separate cost was computed for Bacteriological Examinations and Chemical Analyses.
*Decrease.
**Increase.

TABLE 2.

COMMUNICABLE DISEASES REPORTED DURING FISCAL YEAR 1913-14.

	Total	1913						1914					
		July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
Amebiasis	9	2			1		4			1			1
Cerebro Spinal Meningitis	20	3		2	1	2	1	2	5	3	1		
Diphtheria	448	19	14	29	32	43	43	44	46	36	48	38	56
Erysipelas	128	10	2	9	4	10	11	20	10	15	6	17	14
Glanders (Animal)	55	3		9	2	6	6	8	3	5	5	4	4
Impetigo	2										1		1
Leprosy	4				1		1	1			1		
Malaria	2		1							1			
Measles	1996	17	16	9	6	11	21	46	103	255	351	833	328
Parotitis	321	14	38	29	29	23	13	30	30	47	28	30	10
Pertussis	1436	16	38	47	83	40	57	122	227	319	266	167	54
Pneumonia	379	22	17	37	33	31	41	37	50	41	26	25	19
Poliomyelitis	11	2	1									3	5
Rabies (Animal)	8			3			2		2				1
Rotheln	15		1		1	1	1		6		1	4	
Ringworm	9		7							2			
Scarlatina	413	7	21	25	18	30	30	36	73	61	48	28	36
Scabies	2								1			1	
Smallpox	59	3		2	1	4	2	12	10	15	4	2	4
Tetanus	8		1	2	1		2				1		1
Trachoma	15	1				10			2			1	1
Tuberculosis	1379	100	101	125	134	105	104	119	129	116	117	89	140
Typhoid—Local	180	21	15	10	17	15	20	13	16	18	13	12	10
Typhoid—Not local	153	24	12	13	21	13	12	15	9	9	11	5	9
Varicella	1189	12	18	24	74	77	89	193	174	167	179	128	54
Pellagra	4		3										1
Beri Beri	2				1		1						
Glanders (Human)	1					1							

TABLE 3

CASES AND DEATHS OF DISEASES DANGEROUS TO THE PUBLIC HEALTH, BY MONTHS—CALENDAR YEAR 1913,

This table includes *All* cases (with their deaths) irrespective of whether cases were transported into the city from elsewhere, or were contracted outside of the city.

Months 1913	Diphtheria		Scarlet Fever		Typhoid Fever		Measles		Whooping Cough		Smallpox		Ophthalmia Neonatorum		Poliomyelitis		Tuberculosis					
																	Pulmonary and Miliary		Meningeal		Other Forms	
	Cases	Deaths	Cases	Deaths	Cases†	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths
January	39	2	18	0	24	7	13	1	45	0	7	0	*	0	0	0	107	69	*	8	*	9
February	42	3	36	0	22	3	35	0	21	1	3	0	*	0	0	0	118	54	*	2	*	9
March	38	2	28	0	15	2	37	0	25	2	2	0	*	0	0	0	110	70	*	6	*	7
April	31	4	42	3	12	4	95	1	49	0	5	0	*	0	1	1	141	58	*	11	*	6
May	21	0	42	6	26	5	109	0	51	2	6	0	*	0	0	0	101	51	*	11	*	6
June	28	3	28	3	24	10	41	0	15	0	3	0	*	0	1	0	77	50	*	10	*	6
July	19	1	7	0	45	10	17	1	16	0	3	0	*	0	1	0	100	56	*	11	*	8
August	14	0	21	0	27	5	16	1	38	2	0	0	*	0	1	0	101	42	*	4	*	5
September	29	2	5	2	23	7	9	0	47	2	2	0	*	0	0	0	125	57	*	7	*	5
October	32	4	18	0	38	5	6	1	83	1	1	0	*	0	1	0	134	61	*	7	*	11
November	43	4	30	2	28	9	11	0	40	3	4	0	*	0	0	0	105	64	*	8	*	2
December	43	2	30	0	32	6	21	0	57	3	2	0	*	0	0	0	104	66	*	10	*	6
Totals	379	27	305	16	316	73	410	5	487	16	38	0	*	0	5	1	1323	698	*	95	*	80

* Cases not reported.
† Includes 164 cases *not* local in origin.

TABLE 4.

CASES AND DEATHS FROM CERTAIN DISEASES. EACH YEAR FOR TEN YEARS.

This table includes *All* cases (with their deaths) irrespective of whether cases were transported into the city from elsewhere, or were contracted outside of the city.

Years (Calendar)	Diphtheria		Scarlet Fever		Typhoid Fever		Measles		Whooping Cough		Smallpox		Ophthalmia Neonatorum		Poliomyelitis		Tuberculosis					
																	Pulmonary and Miliary		Meningeal		Other Forms	
	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths
†1904																						
†1905																						
†1906																						
1907	295	41	229	9	1279	228	1231	42	*	26	40	1	*	0	*	2	595	578	*	64	*	35
1908	664	90	246	5	363	107	910	24	*	24	298	4	*	0	*	1	765	729	*	58	*	54
1909	589	55	499	24	266	68	2115	25	*	48	134	1	*	0	*	0	1355	689	*	76	*	54
1910	521	37	504	10	345	64	1038	19	*	32	40	0	*	0	*	1	1510	706	*	57	*	37
1911	316	26	599	17	285	69	1212	15	433	28	15	0	*	0	14	2	1279	702	*	62	*	45
1912	326	28	192	1	336	58	451	47	309	26	106	1	*	0	20	2	1238	693	*	78	*	57
1913	379	27	305	16	316	73	410	5	487	16	38	0	*	0	5	1	1323	698	*	95	*	80

† Records destroyed.

* Cases not reported.

BACTERIOLOGICAL EXAMINATIONS.

TABLE 5

	DIPHTHERIA.				TUBERCULOSIS			TYPHOID WIDAL REACTIONS			RABIES			
	Positive	Negative	No Growth	Total	Positive	Negative	Total	Positive	Negative	Total	Positive	Negative	Total	Pasteur Treatments
1913														
July	46	79	1	126	49	71	120	4	24	28	4		4	110
August	28	82		110	61	73	134	8	27	35	3	4	7	15
September	26	80		106	77	56	133	4	22	26	3	2	5	75
October	39	138		179	85	81	166	11	43	54	2	6	8	94
November	46	60		146	65	91	156	7	19	26	3	2	5	112
December	61	170		231	51	86	137	12	18	30	3	1	4	59
1914														
January	69	159	3	231	71	94	165	9	12	21	2	1	3	23
February	52	189	3	244	58	123	181	6	18	24	2	6	8	37
March	36	149	4	189	59	113	172	8	36	44	5	7	12	97
April	47	172	3	222	96	107	203	8	20	28	3	3	6	150
May	38	217	2	257	46	82	128	9	19	28		5	5	6
June	70	145	2	219	69	76	145	5	24	29	1		1	123
Total	558	1640	18	2260	987	1053	1840	91	282	373	31	37	68	901

TABLE 5.

RABIES CASES REPORTED FISCAL YEAR 1913-1914.

1913.	Canine	Equine	Feline	Total	Bites Reported
July	2	1	1	4	57
August	1	1	1	3	75
September	2		1	3	51
October	2			2	52
November	3			3	30
December	3			3	36
1914.					
January	2			2	39
February	2			2	42
March	4		1	5	44
April	3			3	72
May				0	55
June	1			1	38
Total	25	2	4	31	591

THE RABIES SITUATION.

Rabies has been present continuously during the year just ended, only one month passing without a case, May, 1914. In March five positive cases were examined in the Laboratory and an attempt was made to secure the enactment of a muzzling ordinance but without success. In our representations before the Board of Supervisors we were ably seconded by the County Medical Society and several prominent veterinarians, but the usual opposition to such rational measures prevailed.

The following table shows by months the number of examinations for rabies, the number of persons taking the Pasteur treatment for bites by rabid animals, the locations of the bites and whether or not the wounds were cauterized.

RABIES.

Month	Exams.		Persons taking treatments	Administrations of Pasteur Virus	Location of Bites			Cauterized	Not Cauterized
	Positive	Negative			Upper Extrm.	Lower Extrm.	Face		
1913.									
July	4	0	3	110	3			2	1
August	3	4	1	15	1				1
September	3	2	3	75	3			2	1
October	2	6	5	94	1	4		5	
November	3	2	4	112	2	1	1	2	2
December	3	1	1	59	1			1	
1914.									
January	2	1	1	23	1			1	
February	2	6	3	37	1	1	1	1	2
March	5	7	2	97	2	1		2	
April	3	3	9	150	6	3		6	3
May		5	2	6	2				2
June	1		3	123	2				3
Total	31	37	37	901	25	10	2	22	15

Since writing the previous year's report, Moon's paper on the quinine treatment of rabies and Noguchi's paper on the Cultivation of Negri bodies have appeared. Attempts were made in this Laboratory to corroborate the work of Moon using rabbits instead of dogs, but without success. However the administration of quinine in large doses, in the form of the bi-sulphate or of the double salt with urea, should be tried in every case of developed human rabies.

Of the thirty seven cases given the Pasteur treatment in this Laboratory during the past year, 19 were bitten by dogs which were demonstrated to be rabid by the finding of Negri bodies in the brain.

Of the other 18 cases, four were bitten by dogs diagnosed as rabid by veterinary surgeons, three were found negative on microscopical examination but had suspicious symtoms, in three the examination was doubtful and eight were not examined, being stray dogs that escaped.

The intensive scheme of treatment of the Hygienic Laboratory has been continued, the eight and seven day cord being given together as one dose. The skin is cleansed with alcohol and cotton before giving the injection and no collodion is applied.

No abscesses or other complications have been met with.

TABLE 6

ISOLATION HOSPITAL.

For	Patients Admitted During Fiscal Year 1913-14	Discharged as Cured	Died	Remaining
Leprosy	4	0	1	3
Variola	58	55	0	3
Diphtheria	89	80	8	1
Erysipelas	87	81	5	1
Measles	82	77	4	1
Poliomyelitis	5	5	0	0
Scarlet Fever	52	47	3	2
Spinal Meningitis	8	3	5	0
Trachoma	1	0	0	1
Pertussis	47	38	9	0
Varicella	22	21	1	0
Tinea Tricophytina	1	1	0	0
Tinea Tonsurans	7	7	0	0
Parotitis	7	7	0	0
Pertussis and Measles	3	3	0	0
Scarlet Fever and Measles	1	1	0	0
Impetigo Contagiosa	1	1	0	0
Scabies	1	1	0	0
Observation	2	1	1	0
	478	429	37	12

CROSS INFECTIONS.

5 Measles on Pertussis.
4 Measles on Scarlet Fever.
1 Diphtheria on Scarlet Fever.
1 Diphtheria on Scarlet Fever.

TABLE 6—Continued.

	Patients Treated	Cost per Patient per Day	Hospital Days
July	18	$3.41	700
August	13	3.29	687
September	15	2.71	865
October	21	2.38	1,073
November	34	2.44	1,046
December	38	3.03	906
January	52	1.94	1,251
February	72	1.88	1,377
March	49	1.65	1,544
April	52	2.05	1,253
May	47	1.93	1,272
June	54	1.19	1,214
Total	465		

TABLE 8.

FREE DIPHTHERIA ANTITOXIN DISPENSED FISCAL YEAR 1913-1914.

Month	10,000 units	5,000 units	1,000 units	Total units
1913—July				
August		20	20	120,000
September				
October				
November				
December		5	10	35,000
1914—January				
February		10	10	60,000
March	2	10		70,000
April				
May		12	10	70,000
June		18	4	94,000
Total	2	75	54	449,000

TABLE 9.

ANNUAL REPORT, DIVISION OF SANITARY DISINFECTION.

	Totals	1913						1914					
		July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June
Fumigations—													
Diphtheria	382	17	23	20	38	27	43	31	38	29	33	37	46
Scarlet Fever	386	17	10	23	26	17	37	28	32	62	68	34	32
Smallpox	53	2		2	1	3	2	12	10	11	5	1	4
Tuberculosis	1052	70	82	71	100	80	81	97	108	85	102	87	89
Cerebro Spin. Meningitis	13		2	2		1		1	1	2	3		1
Typhoid Fever	2	2											
Glanders	39	2		7	1	5	6	3	3	4	3	2	3
Other Cases	47	4	5	5	3	4	7	1	4	5	4	3	2
Poliomyelitis	6	2		1								1	2
Total	1980	116	122	131	169	137	176	173	196	198	218	165	179
Rooms Fumigated	3414	200	215	243	273	244	321	276	340	353	363	285	301
Cubic Feet Disinfected	5,378,350	325,650	325,700	383,950	413,600	367,550	474,600	433,900	512,500	649,500	581,600	423,200	486600
Material Used—													
Formalin (oz.)	70,724	4,460	4,301	5,178	5,188	4,400	6,328	5,748	7,128	8,260	7,224	5,840	6,666
Sulphur (lbs.)	2,843	224	213	206	329	285	204	247	247	283	302	155	148
Disinfectant Phenol Type ozs.	4,618	96	1,068	128	696	222	92	688	1,528		31	32	36
Petrie Dishes Placed	2						2						
Chloride of Lime (lbs.)	78					30		15	30				3

TABLE 10.

MORTALITY OF CHILDREN UNDER AGE OF 1 YEAR CLASSIFIED BY AGE PERIODS FOR CALENDAR YEAR.

Calendar Year 1913	Ages												
	Total Deaths Under 1 Year	Under 1 Day	1-2 Days	2-3 Days	3 Days to 1 Week	1-2 Weeks	2-3 Weeks	3 Weeks to 1 Month	1-2 Months	2-3 Months	3-6 Months	6-9 Months	9-12 Months
January	56	7	3	.....	3	4	3	2	12	5	7	6	4
February	41	7	3	.....	2	2	3	2	7	4	3	3	5
March	54	10	5	1	1	5	3	1	5	5	8	4	6
April	57	5	3	2	9	7	.....	2	1	4	7	9	8
May	43	14	.....	.....	.....	1	.....	3	5	.....	10	5	5
June	43	14	2	1	3	1	5	.....	2	1	6	2	6
July	60	9	1	5	5	4	2	4	3	3	12	8	4
August	56	11	3	1	2	3	3	2	12	4	8	4	3
September	63	16	1	1	1	4	4	4	4	6	9	7	6
October	37	7	.....	1	.....	2	1	4	3	6	3	6	4
November	57	10	7	.....	5	3	6	.....	8	2	10	5	1
December	41	7	.....	1	1	4	6	2	3	2	10	2	3
Totals	608	117	28	13	32	40	36	26	65	42	93	61	55
MALE	344	78	19	5	22	27	20	16	40	24	47	22	24
FEMALE	264	39	9	8	10	13	16	10	25	18	46	39	31
Totals	608	117	28	13	32	40	36	26	65	42	93	61	55
WHITE	574	112	26	12	29	39	36	26	54	42	88	58	52
BLACK	3	.....	.....	.....	1	.....	.....	.....	.....	.....	1	1	.....
CHINESE	14	3	1	1	1	1	.....	.....	4	.....	2	1	.....
JAPANESE	17	2	1	.....	1	.....	.....	.....	7	.....	2	1	3
Totals	608	117	28	13	32	40	36	26	65	42	93	61	55

	CAUSES OF DEATH (International Classification.)													
1	Typhoid Fever	1											1	
6	Measles	2											1	1
7	Scarlet Fever	1												1
8	Whooping Cough	9								4		2	1	2
10	Influenza	1										1		
18	Erysipelas	5				1	1		2			1		
24	Tetanus	1			1									
28	Tuberculosis of Lungs	3											2	1
29	Acute Miliary Tuberculosis	1												1
30	Tuberculous Meningitis	21										6	8	7
31	Abdominal Tuberculosis	5									1	1	2	1
34	Tuberculosis Other Organs	3										2	1	
36	Rachitis	3							1				1	1
37	Syphilis (congenital)	15		1		2	2	2	2	2	3			1
54	Anemias	1												1
55	Purpura Hemorhagiea	2					1						1	
61	Simple Meningitis	9				1	1					2		5
61b	Epidemic Cerebro Spinal Meningitis	1										1		
63	Poliomyelitis	1												1
71	Convulsions of Infants	4		1		1							1	1
79	Organic Disease of Heart	7		1			1					1	2	2
89	Acute Bronchitis	14			2				2	1	6	2	1	
91	Broncho Pneumonia	60	1	1	4	5	4	3	11	4	6	10	11	
92	Lobar Pneumonia	35				1	1	1	7	4	6	7	8	
93	Pleurisy	2							1				1	
103	Gastritis	8						1	1	1	3	2		
104	Diarrhoea	8						1	1		5	1		
	Enteritis	29					2	3	2	8	11	2	1	
	Entero-Colitis	2				1	1							
	Gastro-Enteritis	58	1			3	2	6	7	11	19	7	2	
	Ileo-Colitis	3										3		
	Cholera Infantum	4								2		1	1	
108	Appendicitis	1										1		
109	Obstruction of Intestines	9				1	1			2	4		1	
111	Acute Yellow Atrophy Liver	2							1				1	
119	Acute Nephritis	4				1	1				2			
150a	Hydrocephalus	4	1								1	1	1	
150b	Congenital Malformation of Heart	34	13	5	1	3	4	1	1	1	1	2	1	
150c	Other Congenital Malformations													
	Intestines	6			3	1				1		1		
	Pyloric Stenosis	6				1			3	2				

TABLE 10—Continued.

Calendar Year 1913	Total Deaths Under 1 Year	Ages											
		Under 1 Day	1-2 Days	2-3 Days	3 Days to 1 Week	1-2 Weeks	2-3 Weeks	3 Weeks to 1 Month	1-2 Months	2-3 Months	3-6 Months	6-9 Months	9-12 Months
Hare Lip	1				1								
Brain	1							1					
Spina Bifida	1		1										
151a Premature Birth	114	72	8	3	5	6	8		8		4		
151b Congenital Debility	36	2			4	5	7	3	9	2	4		
Atelectasis	27	13	3	3	3	4		1					
Icterus Neonatorum	4				4								
152 Other Diseases Early Infancy													
Asphyxia Neonatorum	7	6	1										
Hemorrhagica Neonatorum	3		1			1	1						
Melena Neonatorum	2		1		1								
Instrumental Delivery	15	4	4	3	1	1	1	1					
Difficult Labor	5	3	2										
153 Exposure	2		1						1				
167 Burns (hot water)	2	1									1		
168 Suffocation (overlaid)	2							1	1				
Suffocation (under bedclothes)	1							1					
Totals	608	117	28	13	32	40	36	26	65	42	93	61	55

TABLE 11

Statistical Report of School Health Inspection for the fiscal year ended June 30, 1914:

EXCLUSIONS FROM SCHOOL FOR COMMUNICABLE DISEASES.

Chicken Pox	728
Diphtheria	97
Measles	978
Mumps	416
Scarlet Fever	143
Tonsilitis (Acute)	110
Trachoma	3
Whooping Cough	896
Contacts (All)	3,163
	6,534
General Examinations by Nurses	138,799
Home Visits by Nurses	9,109
Examinations by Medical Inspectors	9,902

As a result of these examinations the following defects were discovered:

DISEASE:

General Condition—	
Anemia	157
Enlarged Glands	2,856
Poorly Nourished	33
Ear—	
Cerumen	54
Defective Hearing	36
Discharging Ears	25
Eye—	
Chronic Inflamation of Lids	656
Chronic Inflamation of Conjuctiva	42
Corneal Scars	26
Defective Vision	436
Strabismus	118
Ptosis	5
Twitchings	6
Heart—	
Arrhythmia	4
Murmurs	44
Lungs—	
Bronchitis	149
Tuberculosis	3

Mouth, Nose and Throat—	
Adenoids	439
Defective Teeth	1,981
Defective Palate	5
Hypertrophied Tonsils	1,780
Mouth Breathing	133
Nasal Obstruction	1
Ozena	4
Tonsilitis, Acute	62
Dev. Septum	4
Nervous System—	
Convulsions	2
Chorea	6
Defective Mentality	22
Paralysis	13
Osseous Structure—	
Deformity of Spine	10
Deformity of Extremities	6
Hip Disease	17
Miscellaneous—	
Stammering	14
Defective Speech	21
Cretinism	1
Torticollis	2
Treated by Operation	711
Treated without Operation	254
Referred to Clinics	238
Referred to Societies	7

TABLE 12.

DIVISION OF FOOD INSPECTION

	Total	Bakeries	Butcher Shops	Candy Factories and Stores	Commission Houses	Delicacy Stores	Fruit Stores	Grocery Stores	Hotels and Restaurants	Markets	Milk Depots	Peddler Wagons	R. R. Depots and Wharves	Warehouses	Miscellaneous
1913															
July	304		5		215		1	1	49	4		7			2
August	398		3		43		22	267	1			14	3	20	23
September	103		3		47		25	7	4			2		22	15
October	360		9	5	193		47		27	6		5	3	22	43
November	348		3		170		20	81	11	37			1	22	3
December	550				106		71	73	108	142	3	15		4	28
1914															
January	472		76		111	1	4	44	151	6	5	10	29	10	25
February	259			19	27	4	17	6	147	2		2	27	3	5
March	404	1	27	17	115	31	27	25	21	81			7	27	25
April	473	43	8	1	246		46	24	16	47	3	0	9	22	8
May	510	21	3	1	190		103	5	51	19	3	53	3	31	27
June	358		8		62	1	149	14	12	40	2	6	20	3	41
Total	4539	65	145	43	1525	37	532	547	598	384	16	114	102	186	245

CONDEMNATIONS AND SEISURES.

Fruits	Canned and Bottled Goods, Dried Fruits	Miscellaneous
55 boxes	150 lbs. 42 gals. 23 pkgs. 313 bottles 80,872 Cans	24 doz. 23,094 lbs.

TABLE 13.

DIVISION OF DAIRY INSPECTION

	INSPECTIONS MADE											ARRESTS MADE						
	Dairies Inspected in San Francisco Co.	Dairies Inspected in Other Counties	No. of Dairy Depots Inspected	Miscellaneous Milk Venders	Total Inspections	No. of Cows Inspected	No. Placed Under Quarantine	No. Condemned and Killed	No. Horses Condemned	Milk Cans Condemned	Sample of Water Taken for Analysis	Pending at Last Report	Arrests During Month	Total	Convictions	Fines Imposed	Dismissals	Pending
1913																		
July	6	94	206	17	323	8316	23	7		55	19	5		5				5
August	31	56	184	13	284	7211	32	12		29	27	5		5				5
September	23	87	168		278	9934	38	14		49	19	5		5				5
October	31	75	184		290	8009	24	12		85	2	5	4	9			3	6
November	12	95	194		301	9640	70	3		42	0	6		6			1	5
December	39	74	221	48	382	8141	38	8		57		5		5			1	4
1914																		
January	19	90	244	122	475	11627	52	11		97		4		4				4
February	17	89	229	150	485	8785	42	6		33		4		4				4
March	10	121	314	162	607	12153	18	15		70		4		4				4
April	128	90	223	28	469	9492	34	11		91		4	1	5				5
May	23	111	278	159	571	12193	34	11		158		5		5			4	1
June		83	151	164	398	7846	48	26		85		4		1			1	
Total	339	1065	2596	863	4863	113347	453	136		851	67							

TABLE 14.

DIVISION OF MILK INSPECTION

	Total	SAMPLES TAKEN FROM								ARRESTS MADE						
		Milk Wagons	Depots and Dairies	R. R. Depots and Wharves	Groceries	Delicacy Stores	Hotels and Rest's	Bakeries	Mss.	Pending at Last Report	Arrests during Month	Total	Convictions	Fines Imposed	Dismissals	Pending
1913																
July	339	93	51	186	0	0	7	0	2	0	12	12	4	$100 00	6	2
August	382	72	5	304	0	0	1	0	0	2	12	14	2	50 00	7	5
September	344	107	1	236	0	0	0	0	0	5	19	24	6	650 00	8	10
October	387	95	0	291	0	0	1	0	0	10	2	12	5	140 00	4	3
November	424	47	2	375	0	0	0	0	0	3	7	10	1	25 00	4	5
December	232	26	0	204	0	0	0	1	1	5	5	10	1	100 00	9	0
1914																
January	270	34	0	236	0	0	0	0	0	0	4	4	1	50 00	0	2
February	377	40	2	334	0	0	0	1	0	2	2	4	0	00	4	0
March	447	19	2	379	1	23	23				6	6	1	25 00	3	2
April	498	75	23	399			1			2	10	12	3	225 00	7	2
May	322	45		167					110	2	1	3	1	25 00	2	
June	507	105	64	330	3	3			2		3	3			3	
Total	4729	758	150	3441	4	26	33	2	115				25	$1390 00	57	

TABLE 15.

MILK BELOW STANDARD

Lab. No.	Date 1913	Ref. Read	Milk Fat	Total Solids	Solids Not Fat	Below Standard. Milk Fat	Below Standard. Solids Not Fat	Added Substance	Action Against Offender
	July 1	39.7	2.8	10.98	8.18	.6	.32	10% water	Arrested
	" 1	41.4	3.1	11.78	8.68	.3			Warned
	" 1	41.8	2.0	10.79	8.79	1.4			Warned
	" 1	41.7	3.1	12.12	9.02	.3			
	" 7	39.4	3.5	11.14	7.64		.86	10% water	
	" 7	40.2	3.2	11.09	7.89	.2	.61		Arrested
	" 7	42.2	3.0	11.68	8.68	.4			Warned
	" 7	42.8	3.2	11.76	8.56	.2			Warned
	" 11	41.0	3.0	11.05	8.05	.4	.45	5% water	
	" 11	41.0	3.1	11.61	8.51	.3			Arrested
	" 11	41.7	3.0	11.69	8.69	.4			Warned
	" 11	41.8	3.2	11.75	8.55	.2			Warned
	" 11	40.4	3.1	11.66	8.56	.3			Warned
	" 11	42.0	2.9	11.62	8.72	.5			Warned
	" 11	42.6	2.8	11.04	8.24	.6	.26		Warned
	" 11	41.8	3.1	11.84	8.74	.3			Warned
	" 11	41.3	3.0	10.94	7.94	.4	.56		Warned
	" 11	42.4	3.2	12.14	8.94	.2			Warned
	" 11	42.3	3.2	11.74	8.57	.2			Warned
	" 14	41.6	2.9	11.22	8.32	.5	.18	watered	Warned
	" 18	41.5	2.7	11.45	8.75	.7			Arrested
	" 18	42.0	2.4	11.25	8.85	1.0			Warned
	" 18	41.1	3.0	11.55	8.55	.4			Warned
	" 18	32.6	2.3	8.17	5.87	1.1	2.63	30% water	Warned
	" 28	41.9	3.0	11.85	8.85	.4			Arrested
	" 30	41.0	3.0	11.58	8.58	.4			Warned

"	30	42.5	2.9	11.64	8.74	.5		Warned
"	30	40.0	2.9	11.35	8.45	.5	.05	Arrested
"	30	42.2	3.2	12.15	8.95	.2		Arrested
Aug.	1	42.0	3.1	11.88	8.78	0.3		Warned
"	1	41.4	2.9	11.40	8.50	0.5		Arrest
"	1	42.1	3.1	13.34	10.24	0.3		Warned
"	1	42.2	3.2	12.43	9.23	0.2		Warned
"	1	41.6	3.0	11.98	8.98	0.4		Warned
"	1	42.0	3.1	12.20	9.10	0.3		Arrest
"	1	41.7	2.8	11.76	8.96	0.6		Warned
"	1	43.0	3.0	11.74	8.74	0.4		Warned
"	1	42.1	3.1	11.91	8.81	0.3		Warned
"	4	42.6	2.7	12.07	9.37	0.7		Arrest
"	4	41.6	3.0	11.83	8.83	0.4		Warned
"	4	41.8	3.0	11.74	8.74	0.4		Warned
"	4	40.8	2.9	11.47	8.57	0.5		Warned
"	4	42.1	2.9	11.56	8.66	0.5		Warned
"	11	41.4	3.0	11.58	8.58	0.4		Arrest
"	11	41.4	3.2	11.89	8.69	0.2		
"	11	41.2	3.1	11.85	8.75	0.3		
"	11	41.4	2.9	11.57	8.67	0.5		Arrest
"	11	41.3	3.2	12.02	8.82	0.2		
"	11	41.0	3.1	11.62	8.52	0.3		Warned
"	11	40.8	3.2	11.79	8.59	0.2		
"	11	40.8	3.1	11.60	8.50	0.3		
"	14	42.1	2.9	11.55	8.65	0.5		
"	14	43.0	2.9	11.61	8.71	0.5		Arrest
"	14	42.6	2.9	11.60	8.70	0.5		Warned
"	14	42.1	3.2	12.03	8.83	0.2		Warned
"	14	43.0	3.1	12.24	9.14	0.3		Arrest
"	14	43.0	3.1	12.02	8.92	0.3		Warned
"	14	42.0	3.1	11.88	8.78	0.3		Arrest
"	14	42.0	3.1	11.89	8.79	0.3		Arrest
"	14	43.0	3.1	11.96	8.86	0.3		Arrest

TABLE 15—Continued.

Lab. No.	Date 1913	Ref. Read	Milk Fat	Total Solids	Solids Not Fat	Below Standard. Milk Fat	Below Standard. Solids Not Fat	Added Substance	Action Against Offender
	Aug. 14	42.0	2.9	11.41	8.51	0.5			Arrest
	" 14	42.2	3.0	11.59	8.59	0.4			Warned
	" 19	42.7	3.0	11.88	8.88	0.4			Warned
	" 19	42.2	2.9	11.51	8.61	0.5			Warned
	" 19	41.0	3.0	11.54	8.54	0.4			Warned
	" 19	43.0	3.1	12.38	9.28	0.3			Warned
	" 19	42.1	2.7	11.60	8.90	0.7			
	" 19	42.8	3.1	11.78	8.68	0.3			Arrest
	" 19	40.5	3.2	11.70	8.50	0.2			Warned
	" 19	41.0	3.0	11.57	8.57	0.4			Warned
	" 19	42.5	3.0	11.84	8.84	0.4			Warned
	" 19	42.4	2.8	11.80	9.00	0.6			Warned
	" 19	42.3	3.1	12.06	8.96	0.3			Arrest
	" 19	42.2	3.1	11.78	8.68	0.3			Arrest
	" 19	40.6	3.1	11.39	8.29	0.3	0.21		
	" 19	40.6	2.9	11.16	8.26	0.5	0.24		Arrest
	" 19	40.0	3.0	11.18	8.18	0.4	0.32		
	" 19	41.2	3.2	11.79	8.59	0.2			Warned
	" 19	42.2	2.9	11.48	8.58	0.5			Arrest
	" 19	42.1	3.0	11.92	8.92	0.4			Warned
	" 19	41.4	2.9	11.75	8.85	0.5			
	" 19	40.8	2.8	11.20	8.40	0.6	0.1		
	" 20	40.8	3.0	11.65	8.65	0.4			Warned
	" 20	40.9	3.0	11.45	8.45	0.4	0.05		Warned
	" 20	40.7	2.9	11.38	8.48	0.5	0.02		Warned
	" 20	41.4	2.8	11.76	8.96	0.6			Warned
	" 20	39.2	3.2	11.11	7.91	0.2	0.59	10% added water	Arrest
	" 20	40.6	3.0	11.53	8.53	0.4			Warned

	"	20	40.8	3.1	11.61	8.51	0.3			Arrest
	"	20	41.5	3.0	12.05	9.03	0.4			Arrest
	"	20	41.6	3.1	11.92	8.82	0.3			Warned
	"	21	41.6	3.1	12.03	8.93	0.3			Arrest
	"	21	42.3	3.2	12.01	8.81	0.2			Warned
	"	21	41.6	3.1	11.90	8.80	0.3			Arrest
	"	21	41.0	3.2	11.99	8.79	0.2			
	"	25	39.6	3.0	11.13	8.13	0.4	0.37	10% added water	Arrest
	"	25	42.3	2.9	12.06	9.16	0.5			Warned
	"	25	41.8	3.0	11.79	8.79	0.4			
	"	27	41.1	3.1	11.78	8.68	0.3			Arrest
	"	27	42.3	3.2	11.95	8.75	0.2			
	"	27	42.1	3.0	11.89	8.89	0.4			Arrest
823	Sept.	2	40.7	3.0	11.50	8.50	0.4			Warned
848	"	3	42.4	2.8	11.56	8.76	0.6			Arrest
839	"	3	40.8	2.8	11.12	8.32	0.6	0.18		Warned
882	"	4	43.1	3.1	12.53	9.43	0.3			Arrest
876	"	4	41.9	3.1	11.65	8.55	0.3			Warned
878	"	4	42.4	3.1	12.14	9.04	0.3			Warned
883	"	4	42.9	3.0	11.66	8.66	0.4			Arrest
936	"	4	42.8	3.1	11.78	8.68	0.3			Arrest
938	"	4	40.0	3.0	11.50	8.50	0.4			Warned
976	"	16	41.2	3.0	11.54	8.54	0.4			Arrest
1068	"	17	41.0	2.8	11.40	8.60	0.6			Warned
1076	"	22	42.5	3.2	11.81	8.61	0.2			Warned
1080	"	22	42.7	3.1	11.97	8.87	0.3			Warned
1147	"	23	42.3	3.0	11.86	8.86	0.4			Arrest
1158	"	25	42.3	2.9	12.16	9.26	0.5			Warned
1163	"	25	41.0	3.2	12.11	8.91	0.2			Warned
1165	"	25	41.7	3.2	12.42	9.22	0.2			Warned
1166	"	25	40.0	3.4	10.97	7.57		.93	10% water	Arrest
1169	"	25	42.8	3.2	12.64	9.44	0.2			Warned
1180	Oct.	1	42.2	2.8	11.74	8.94	0.6			Warned
1202	"	1	43.5	2.6	11.68	9.08	0.8			Warned

TABLE 15—Continued.

Lab. No.	Date 1913	Ref. Read	Milk Fat	Total Solids	Solids Not Fat	Below Standard. Milk Fat	Below Standard. Solids Not Fat	Added Substance	Action Against Offender
1809	" 1	41.0	2.9	12.01	9.11	0.5			Warned
1222	" 2	39.0	3.5	11.47	7.97		.53	10% water	Arrest
1216	" 2	42.7	3.2	12.30	9.10	0.2			Warned
1265	" 6	41.8	2.8	11.42	8.62	0.6			Warned
1267	" 6	42.8	3.1	12.01	8.91	0.3			Warned
1286	" 6	42.1	3.0	12.41	9.41	0.4			Warned
1329	" 14	41.5	3.2	11.68	8.48	0.2	0.02		Warned
1363	" 15	42.3	3.1	11.92	8.82	0.3			Warned
1419	" 16	41.7	3.0	11.06	8.06	0.4	0.44		Arrest
1459	" 27	40.8	3.1	12.15	9.05	0.3			Arrest
1461	" 27	39.0	3.3	11.17	7.87	0.1	0.63	10% water	Arrest
1510	" 28	41.0	3.1	11.66	8.56	0.3			Warned
1570	" 29	38.3	3.0	10.84	7.84	0.4	0.66	15% water	Arrest
1700	Nov. 13	37.7	3.3	10.09	6.79	0.1	1.71	20% water	Arrest
1697	" 13	42.0	2.3	11.29	8.99	1.1			Warned
1820	" 19	42.8	3.0	12.04	9.04	0.4			Warned
1883	" 25	43.3	3.1	12.05	8.95	0.3			Warned
1901	" 28	41.6	3.2	12.03	8.83	0.2			Warned
1906	" 28	41.0	2.7	11.70	9.00	0.7			Warned
1966	" 28	39.2	3.4	11.62	8.22		.28	10% water	Arrest
2017	Dec. 4	43.4	3.0	12.06	9.06	0.4			Warned
2106	" 12	43.6	3.2	12.44	9.24	0.2			Warned
2120	" 12	41.3	3.2	11.76	8.56	0.2			Warned
2126	" 12	41.0	3.2	11.79	8.59	0.2			Warned
2129	" 12	43.4	3.0	12.18	9.18	0.4			Warned
2136	" 12	43.6	3.1	12.36	9.26	0.3			Warned
2139	" 12	43.9	3.0	12.29	9.29	0.4			Warned
2147	" 12	42.8	3.0	11.59	8.59	0.4			Arrest

2148	"	12	42.9	3.2	12.44	9.24	0.2			Warned
2150	"	12	40.9	2.9	11.48	8.58	0.5			Warned
2157	"	12	36.8	3.0	10.43	7.43	0.4	1.07	15% water	Arrest
2182	"	16	43.2	3.2	12.00	8.80	0.2			Warned
2183	"	16	41.5	3.2	12.12	8.92	0.2			Warned
2209	"	18	43.5	3.2	12.72	9.52	0.2			Warned
2214	"	18	42.9	2.9	11.83	8.93	0.5			Warned
2221	"	18	41.8	3.0	11.87	8.87	0.4			Arrest
2193	"	18	42.0	3.2	12.00	8.80	0.2			Warned
1914										
2455	Jan.	27	43.4	3.1	12.06	8.96	0.3			Warned
2253	"	2	42.3	3.0	12.32	9.32	0.4			
2255	"	2	43.4	1.9	11.00	9.10	1.5			Arrest
2316	"	5	42.4	3.2	11.78	8.58	0.2			
2321	"	5	41.6	3.2	11.99	8.79	0.2			
2312	"	5	40.8	2.8	11.51	8.71	0.6			Arrest
2341	"	7	41.2	3.1	11.72	8,62	0.3			Arrest
2384	"	13	42.3	3.0	11.57	8.57	0.4			Warned
2480	"	27	41.4	3.2	12.00	9.80	0.2			Warned
2504	"	29	43.1	3.2	12.46	9.26	0.2			Warned
2527	Feb.	2	42.7	3.1	12.23	9.13	0.3			Arrest
2632	"	11	40.9	3.0	11.62	8.62	0.4			Warned
2644	"	16	41.1	3.2	11.75	8.55	0.2			Warned
2683	"	16	42.4	2.9	11.97	9.07	0.5			Warned
2658	"	16	42.5	3.2	12.03	8.83	0.2			Warned
2690	"	16	40.5	2.9	11.52	8.62	0.5			Warned
2698	"	17	42.0	3.0	12.12	9.12	0.4			Warned
2693	"	17	42.0	3.2	11.87	8.67	0.2			Warned
2692	"	17	42.0	3.2	12.15	8.95	0.2			Warned
2695	"	17	38.6	3.3	10.94	7.64	0.1	.86	15% water	Arrest
2700	"	17	41.2	3.1	12.00	8.90	0.3			Arrest
2707	"	19	42.8	3.1	11.91	8.81	0.3			Warned
2748	"	19	42.4	3.2	11.77	8.57	0.2			Warned
2735	"	19	42.5	3.1	11.92	8.82	0.3			Warned

TABLE 15—Continued.

Lab. No.	Date 1914	Ref. Read	Milk Fat	Total Solids	Solids Not Fat	Below Standard. Milk Fat	Below Standard. Solids Not Fat	Added Substance	Action Against Offender
2718	Feb. 19	43.0	3.0	12.22	9.22	0.4			Warned
2760	" 19	42.7	3.1	12.50	9.40	0.3			Warned
2133	" 19	40.8	3.0	11.55	8.55	0.4			Warned
2734	" 19	43.2	3.0	12.11	9.11	0.4			Warned
2758	" 19	41.5	3.2	11.72	8.52	0.2			Warned
2784	" 24	42.5	3.0	12.46	9.46	0.4			Arrest
2791	" 24	41.8	3.2	12.19	8.99	0.2			Warned
2815	" 25	43.3	3.2						Warned
2869	" 25	44.4	2.8						Warned
2884	" 27	39.5	3.4	11.57	8.17	0.0	.33	10% water	Arrest
2921	Mar. 10	39.2	3.4	11.50	8.10		.40		Arrest
3002	" 12	42.5	2.3	11.31	9.01	1.1			Warned
3028	" 12	41.6	3.1	11.88	8.78	0.3			Arrest
3024	" 12	42.1	3.2	12.11	8.91	0.2			Warned
2961	" 12	42.5	3.2	12.13	9.53	0.2			Warned
3011	" 12	42.7	3.1	11.94	8.84	0.3			Warned
3010	" 12	42.5	3.2	12.39	9.19	0.2			Warned
2987	" 12	42.6	3.1	12.30	9.21	0.3			Warned
3023	" 12	43.1	3.1	12.40	9.30	0.3			Warned
2963	" 12	44.0	3.1	12.51	9.41	0.3			Warned
3053	" 16	42.5	3.1	11.79	8.69	0.3			Warned
3129	" 18	42.1	2.7	11.68	8.98	0.7			Arrest
3134	" 23	43.0	2.8	11.98	9.18	0.6			Warned
3160	" 23	43.3	3.2	12.42	9.22	0.2			Warned
3190	" 23	42.7	2.9	11.67	8.77	0.5			Warned
3223	" 24	42.0	2.9	12.05	9.15	0.5			Arrest
3234	" 26	43.8	2.9	12.05	9.15	0.5			Warned
3244	" 26	41.7	3.1	11.66	8.56	0.3			Warned

3260	"	27	43.3	3.1	12.37	9.27	0.3			Warned
3268	"	27	43.0	3.2	12.16	8.96	0.2			Warned
3333	"	31	42.9	3.1	12.02	8.92	0.3			Warned
3351	"	31	43.1	2.8	12.18	9.38	0.6			Arrest
3446	April	7	39.2	3.1	11.05	7.95	0.3		10% water	Arrest
3465	"	7	43.4	2.5	11.82	9.32	0.9			Arrest
3449	"	7	42.6	2.7	11.57	8.87	0.7			Arrest
3414	"	7	43.6	2.9	11.87	8.97	0.5			Arrest
3421	"	7	43.5	2.6	12.01	9.41	0.8			Warned
3484	"	8	38.8	2.9	10.37	7.47	0.5	1.03	15% water	Arrest
3490	"	8	42.0	3.0	12.46	9.46b	0.4			Warned
3512	"	9	42.0	3.1	11.87	8.77	0.3			Arrest
3496	"	9	42.5	3.2	12.36	9.16	0.2			Warned
3499	"	9	42.0	2.9	11.77	8.87	0.5			Arrest
3559	"	20	42.3	3.1	11.89	8.79	0.3			Warned
3591	"	20	44.0	2.6	12.19	9.59	0.8			Warned
3715	"	22	41.9	3.2	12.06	8.86	0.2			Warned
3723	"	23	41.3	3.2	11.78	8.58	0.2			Warned
3852	May	1	43.1	3.1	12.37	9.27	0.3			Warned
3862	"	1	42.4	3.2	12.08	9.02	0.2			Warned
3889	"	7	42.6	3.1	12.08	8.98	0.3			Warned
4047	"	27	42.5	1.6	10.16	8.56	1.8			Arrest
	June	12	42.4	3.2	12.00	8.80	0.2			Warned
	"	12	42.9	3.1	12.11	9.01	0.3			Warned
	"	12	42.4	3.1	11.99	8.89	0.3			Warned
	"	15	41.5	3.2	11.70	8.50	0.2			Warned
	"	16	41.5	3.2	11.77	8.57	0.2			Warned
	"	16	40.2	3.1	11.53	8.43	0.3	0.07		Warned
	"	16	42.6	3.0	11.98	8.98	0.4			Warned
	"	16	42.1	3.2	11.93	8.73	0.2			Warned
	"	17	41.5	3.1	11.64	8.54	0.3			Warned
	"	19	42.1	3.1	11.88	8.78	0.3			Warned
	"	19	40.5	3.2	11.86	8.66	0.2			Warned
	"	19	40.5	3.2	11.71	8.51	0.2			Warned

TABLE 15—Continued.

Lab. No.	Date 1914	Ref. Read	Milk Fat	Total Solids	Solids Not Fat	Below Standard. Milk Fat	Below Standard. Solids Not Fat	Added Substance	Action Against Offender
	" 23	40.7	3.1	11.68	8.58	0.3			Warned
	" 24	41.9	3.1	11.90	8.80	0.3			Arrest
	" 24	42.6	3.1	11.64	8.54	0.3			Arrest
	" 24	41.2	2.8	11.34	8.54	0.6			Warned
	" 24	41.8	3.2	12.09	8.89	0.2			Warned
	" 25	41.6	3.2	11.71	8.51	0.2			Warned
	" 30	42.5	3.0	11.60	8.60	0.4			Warned
	" 30	42.5	3.0	11.54	8.54	0.4			Warned
	" 30	41.4	3.0	11.59	8.59	0.4			Warned
	" 30	41.2	3.0	11.52	8.52	0.4			Warned
	" 30	42.1	3.2	11.78	8.58	0.2			
	" 30	38.0	3.5	10.98	7.48		1.02	10% water	Arrest
	" 30	40.7	3.0	11.50	8.50	0.4			Warned

RESULTS OF ARRESTS AND PROSECUTIONS FOR VIOLATIONS.

Forty-nine warrants were sworn out against offenders, their cases being tried in the Police Courts.

The net result of these actions are here given:

Total arrests made	49
Found guilty and fines imposed:	
1 fined $500	$500
2 fined $100 each	200
13 fined $ 25 each	325
2 fined $ 5 each	10
Total fines	$1,035
Dismissed	17
Released on probation	14
	49

TABLE 16.

The bacterial index of the milk supply of the City of San Francisco determined by the Levy method, was for the year 1913-14 64% as shown below:

	No. of samples	Rating figure	Product
Under 10,000	545	100	54,500
10,000 to 50,000	935	90	84,150
50,000 to 100,000	435	75	32,625
100,000 to 250,000	259	50	12,950
250,000 to 500,000	315	20	6,300
500,000 to 1,000,000	319	10	3,190
Over 1,000,000	217	0	217
	3,025		193,932

193,932 ÷ 3,025 = 64%

BACTERIAL INDEX BY MONTHS.

July, 1913.	No. of samples	Rating figure	Product
Under 10,000	7	100	700
10,000 to 50,000	31	90	3,790
50,000 to 100,000	27	75	2,025
100,000 to 250,000	13	50	650
250,000 to 500,000	21	20	420
500,000 to 1,000,000	17	10	170
Over 1,000,000	1	0	7
	117		7,756

7,756 ÷ 117 = 66%

TABLE 16—Continued.

August, 1913.	No. of samples	Rating figure	Product
Under 10,000	64	100	6,400
10,000 to 50,000	49	90	4,410
50,000 to 100,000	34	75	2,550
100,000 to 250,000	45	50	2,250
250,000 to 500,000	45	20	900
500,000 to 1,000,000	34	10	340
Over 1,000,000	18	0	18
	289		16,868

16,868 ÷ 289 = 58%

September, 1913	No. of samples	Rating figure	Product
Under 10,000	0	100	0
10,000 to 50,000	0	90	0
50,000 to 100,000	5	75	375
100,000 to 250,000	27	50	1,350
250,000 to 500,000	43	20	860
500,000 to 1,000,000	63	10	630
Over 1,000,000	117	0	0
	255		3,215

3,215 ÷ 255 = 13%

October, 1913.	No. of samples	Rating figure	Product
Under 10,000	7	100	700
10,000 to 50,000	29	90	2,610
50,000 to 100,000	33	75	2,475
100,000 to 250,000	15	50	750
250,000 to 500,000	61	20	1,220
500,000 to 1,000,000	98	10	980
Over 1,000,000	48	0	0
	291		8,735

8,735 ÷ 291 = 30%

December, 1913.	No. of samples	Rating figure	Product
Under 10,000	26	100	2,600
10,000 to 50,000	100	90	9,000
50,000 to 100,000	51	75	3,825
100,000 to 250,000	13	50	650
250,000 to 500,000	12	20	240
500,000 to 1,000,000	1	10	10
Over 1,000,000	3	0	0
	206		16,325

16,325 ÷ 206 = 79%

TABLE 16—Continued.

January, 1914.	No. of samples	Rating figure	Product
Under 10,000	36	100	3,600
10,000 to 50,000	120	90	10,800
50,000 to 100,000	51	75	3,825
100,000 to 250,000	11	50	550
250,000 to 500,000	9	20	180
500,000 to 1,000,000	6	10	60
Over 1,000,000	3	0	0
	236		19,015

19,015 ÷ 236 = 80.5%

February, 1914,	No. of samples	Rating figure	Product
Under 10,000	135	100	13,500
10,000 to 50,000	143	90	12,870
50,000 to 100,000	32	75	2,400
100,000 to 250,000	16	50	800
250,000 to 500,000	5	20	100
500,000 to 1,000,000	2	10	20
Over 1,000,000	0	0	0
	333		29,690

29,690 ÷ 333 = 89%

March, 1914.	No. of samples	Rating figure	Product
Under 10,000	90	100	9,000
10,000 to 50,000	112	90	10,080
50,000 to 100,000	35	75	2,625
100,000 to 250,000	32	50	1,600
250,000 to 500,000	25	20	500
500,000 to 1,000,000	12	10	120
Over 1,000,000	3	0	0
	309		23,928

23,928 ÷ 309 = 77%

April, 1914.	No. of samples	Rating figure	Product
Under 10,000	100	100	10,000
10,000 to 50,000	137	90	12,330
50,000 to 100,000	85	75	6,375
100,000 to 250,000	35	50	1,750
250,000 to 500,000	28	20	560
500,000 to 1,000,000	16	10	160
Over 1,000,000	4	0	0
	405		31,179

31,179 ÷ 405 = 77%

TABLE 16—Continued.

May, 1914.	No. of samples	Rating figure	Product
Under 10,000	16	100	1,600
10,000 to 50,000	60	90	5,400
50,000 to 100,000	31	75	2,325
100,000 to 250,000	12	50	600
250,000 to 500,000	19	20	380
500,000 to 1,000,000	14	10	140
Over 1,000,000	12	0	0
	164		10,445

$10,445 \div 164 = 64\%$

June, 1914.	No. of samples	Rating figure	Product
Under 10,000	64	100	6,400
10,000 to 50,000	154	90	13,860
50,000 to 100,000	51	75	3,825
100,000 to 250,000	40	50	2,000
250,000 to 500,000	47	20	940
500,000 to 1,000,000	56	10	560
Over 1,000,000	8	0	0
	420		27,593

$27,593 \div 420 = 65.7\%$

	Milks Plated	Milk Sediment Exams.
1913—July	163	137
August	334	306
September	372	373
October	392	391
November	426	375
December	232	203
1914—January	275	237
February	378	336
March	446	380
April	491	407
May	220	169
June	581	428
Total	4,310	3,742

TABLE 17.

REPORT OF CHEMICAL LABORATORY.

Owing to the lack of funds for the purchase of samples of food stuffs, wines, etc., for analysis, the Chemical Laboratory was somewhat limited in its activities. It is the policy of the present management to pay particular attention to products of a more or less perishable nature, which are not covered thoroughly by the Federal and State laboratories, taking up the more stable products of interstate commerce only on special information.

The Police Department is availing itself to an increasing extent of the facilities for the analysis of suspected alcoholic drinks taken from unlicensed places and dance halls; also they are sending many specimens for toxicological investigation.

Accompanying is a series of tables covering the water supply of the City and of Golden Gate Park by sources, both chemically and bacteriologically.

CHEMICAL DIVISION.

GENERAL TABLE OF ANALYSES.

Alcohol	2	Ham	1
Bread	9	Ice cream	8
Butter	33	Ice	2
Blankets	30	Lemon extracts	6
Brines	12	Molasses	1
Beer	26	Milks	4457
Cream	52	Mortar	1
Candies	64	Miscellaneous	7
Chopped meats	79	Nut butter	1
Cigarettes	1	Oysters	4
Coffee	2	Ocean water	1
Chloride of lime	1	Olives	1
Cheese	3	Police Dep't	16
Chickens	6	Potatoes	1
Cabbage	1	Pigs head	1
Catsups	28	Soft drinks	1
Condensed milks	2	Sugars	3
Canned beans	18	Sausages	39
Canned beets	1	Sauerkraut	8
Canned corn	3	Soads	9
Canned peas	1	Starch	1
Canned pumpkin	1	Spinach	1
Canned spinach	1	Soup	9
Canned succotash	1	Toxicological	12
Corn starch	7	Urines	61
Eggs, lots	8	Vanilla extracts	5
Electrolized water	1	Vinegars	1
Floor oils	7	Waters	290
Formalin	1	Woman's milk	4
Gypsum	1	Wines	4
Grape juice	4		
Honey	2	Total	5,368

TABLE 18.

SEROLOGICAL WORK.

The Wasserman test for syphilis having become firmly established as a reliable diagnostic measure and the requests for our performance of the same having steadily increased in number, it was decided to add this test to our list of routine work.

The expense of this test even in the lowest priced of the private laboratories is such as to deprive the very poor of its benefits so that the taking up of this work by your laboratory has been of the greatest assistance to this deserving class.

Any person who comes with a statement from his physician that he is unable to pay a private laboratory for the test, will be attended to free of charge.

The various City institutions, such as the City and County Hospital, the Relief Home, the Emergency Hospitals, the Isolation and Tuberculosis Hospitals, are to an ever-increasing extent availing themselves of the opportunity to have this test performed for their inmates and such charitable organizations as the Juvenile Detention Home, the Associated Charities, the Telegraph Hill Settlement and the Ladies' Protective and Relief Society, call upon us frequently for work of this kind which they could not otherwise obtain on account of the expense.

The cost of this work adds nothing to our annual expense account as we make all our own antigens and amboceptors.

The following table shows the development of the work by months:

WASSERMAN REACTIONS.

Month	Positive	Negative	Doubtful	Total
July	2	4		6
August	3	5	1	9
September	1	7	1	9
October	0	0	0	0
November	1	0	0	1
December	2	1	0	3
1914				
January	5	21	3	29
February	5	14	1	20
March	7	16	2	25
April	11	30	1	42
May	8	41	2	51
June	16	53	1	70
	61	189	12	262

STANDARDIZING OF DISINFECTANTS.

The following table shows the results obtained in the examination of a number of disinfectants, submitted in competition to the purchasing department of the City.

TABLE 18—Continued.

The method used is that of the Hygienic Laboratory, and the first table shows the results obtained with phenol, used in the calculation of the co-efficient of the various other disinfectants.

A standard bouillon culture of the typhoid bacillus is inoculated into various strength dilutions of the disinfectant and plants made every 2½ minutes up to and including 15 minutes. The figure representing the degree of dilution of the weakest strength of the disinfectant killing in 2½ minutes is divided by the figure representing the weakest strength of phenol killing in the same time. Then the figure representing the weakest strength killing in 15 minutes is divided by the same figure for phenol. The mean of the two is the phenol co-efficient.

As a strong dilution of a poor disinfectant might be as efficient as a dilute solution of a strong one, it follows that the price per unit of efficiency as compared with pure phenol is an important consideration in purchasing. This information is obtained by dividing the cost per gallon of the disinfectant by the cost per gallon of phenol, giving us the cost ratio. The cost ratio is divided by the efficiency ratio which is the phenol co-efficient, giving the cost of the disinfectant per unit of efficiency of pure phenol.

TABLE 18—Continued.

Disinfectant	Dilution	2½	5	7½	10	12½	15	
Phenol	90	−	−	−	−	−	−	
	100	+	−	−	−	−	−	
	110	+	+	−	−	−	−	
	120	+	+	−	+	−	−	
	130	+	+	+	+	−	−	
	140	+	+	+	+	+	+	
		Cost per 100 units of eff. $1.00						
Dugan 2009	300	+	+	−	−	−	−	$\frac{275}{90}+\frac{400}{130}=$
	325	+	+	+	−	−	−	
	350	+	+	+	−	−	−	
	375	+	+	+	+	−	−	
	400	+	+	+	+	+	−	$\frac{3.05+3.07}{2}=3.06$
	450	+	+	+	+	+	+	
	500	+	+	+	+	+	+	
		Cost per 100 units of eff. .23						
Kreso	325	+	−	−	−	−	−	$\frac{350}{90}+\frac{400}{130}=$
	350	+	+	−	−	−	−	
	375	−	−	−	−	−	−	
	400	+	+	+	−	+	−	$\frac{3.88+3.07}{2}=3.47$
	450	+	+	+	+	+	+	
	500	+	+	+	+	+	+	
		Cost per 100 units of eff. .18						

Sanozone	100	−	−	−	−	−	−	$\frac{160}{90}+\frac{180}{130}=$
	180	+	+	−	−	−	−	
	200	+	+	+	+	+	+	$\frac{1.77+1.38}{2}=1.57$
	Cost per 100 units of eff. .91							
Dugan 2008	100	−	−	−	−	−	−	$\frac{100}{90}+\frac{160}{130}=$
	110	+	−	−	−	−	−	
	120	+	+	−	−	−	−	$\frac{1.11+1.23}{2}=1.17$
	130	+	+	−	−	−	−	
	140	+	+	+	−	−	−	
	160	+	+	+	+	−	−	
	Cost per 100 units of efficiency 51 (as compared with phenol 100)							
Kreol	300	−	−	−	−	−	−	$\frac{350}{90}+\frac{400}{130}=$
	325	−	−	−	−	−	−	
	350	−	−	−	−	−	−	$\frac{3.88+3.07}{2}=3.47$
	375	+	+	−	−	−	−	
	400	+	+	−	−	−	−	
	450	+	+	+	+	+	+	
	500	+	+	+	+	+	+	
	Cost per 100 units of efficiency 13 (as compared with phenol 100)							
Creofenol	200	−	−	−	−	−	−	$\frac{180}{90}+\frac{275}{130}=$
	225	+	+	−	−	−	−	
	250	+	+	−	−	−	−	$\frac{2+2.11}{2}=2.05$
	275	+	+	−	+	−	−	
	300	+	+	+	−	+	+	
	325	+	+	+	+	+	+	
	350	+	+	+	+	+	+	
	Cost per 100 units of efficiency 17 (as compared with phenol 100)							

TABLE 18—Continued.

Disinfectant	Dilution	2½	5	7½	10	12½	15	
Wescol	1200	−	−	−	−	−	−	
	1300	+	−	−	−	−	−	$\frac{1200}{90} + \frac{1400}{130} =$
	1400	+	+	+	−	−	−	
	1500	+	+	+	+	+	+	$\frac{13.3 + 10.7}{2} = 12$
	1600	+	+	+	+	+	+	

Cost per 100 units of efficiency 8.75 (as compared with phenol 100)

Neko	1500	−	−	−	−	−	−	$\frac{1500}{90} + \frac{2000}{130} =$
	1600	+	+	−	−	−	−	
	1700	+	+	−	−	−	−	$\frac{16.66 + 15.38}{2} = 16.02$
	1800	+	+	−	+	−	−	
	2000	+	+	+	+	−	−	

Cost per unit of efficiency 7 (as compared with phenol 100)

TABLE 18—Continued.

Wasserman Tests				Gonococcus Examinations			
Positive	Negative	Doubtful	Total	Positive	Negative	Total	Miscellaneous
2	4		6		14	14	24
3	5	1	9	2	11	13	5
1	7	1	9	1	12	13	4
					9	9	2
1			1				2
2	1		3	12	24	36	14
5							
5	21	3	29		25	25	10
5	14	1	20		29	29	1
7	16	2	25		31	31	4
11	30	1	42		31	31	2
8	38	2	48	4	53	57	16
16	53	1	70	3	42	45	6
61	189	12	262	22	281	303	90

TABLE 18—Continued.

SPRING VALLEY WATER CO.—CLARENDON HEIGHTS TANK.

Date Received	Color	Total Solids	Loss Ignition	Fixed Residue	Chlorine	Nitrogen as Nitrites	Nitrogen as Nitrates	Nitrogen as Free Ammonia	Nitrogen as Albuminoid Ammonia	Oxygen Consumed	On Ignition	Bacteria Per CC Agar Room Temp.	Bacteria Per CC Agar 37o	REMARKS.
7-15-13												1020	66	B. Coli present in 5cc
7-24-13	Clear	249	82	167	25	.003	.300	.030	.074	2	Bl.	95	64	B. Coli present in 10cc
8-5-13	Slightly turbid	230	66	164	25	.003	.280	.012	.080	3	Bl.	100	65	B. Coli present in 10cc
8-26-13												85	350	B. Coli Absent in 10cc
9-12-13	Slightly turbid	217	81	136	25	None	.390	.008	.122	3	Bl.	270	306	B. Coli present in 5cc
9-29-13												90	174	B. Coli present in 5cc
10-3-13												410	300	B. Coli present in 10cc
10-7-13	Slightly turbid	206	86	110	26	None	.235	.008	.126	3	Bl.	314	120	B. Coli present in 5cc
10-10-13												150	120	B. Coli absent in 10cc
10-14-13												200	124	B. Coli present in 10cc
11-7-13	Clear	249	93	156	24	.005	.945	.014	.094	1	Bl.	120	80	B. Coli Absent in 10cc
11-17-13												200	50	B. Coli absent in 10cc
12-2-13	Clear	208	80	128	23	Trace	.200	.010	.104	3	Bl.	300	250	B. Coli present in 5cc
12-16-13												210	306	B. Coli present in 5cc
1-16-14	Turbid	243	89	154	21	None	.340	.010	.124	2	Bl.	470	408	B. Coli present in 10cc
2-3-14	Turbid	233	83	150	19	None	1.800	.006	.092	3	Bl.	200	540	B. Coli present in 5cc
3-10-14	Slightly turbid	247	69	178	15	None	2.10	.010	.054	1	Bl.	420	300	B. Coli absent in 10cc
4-15-14	Turbid	251	51	200	16	None	.810	.008	.102	1	Bl.	200	80	B. Coli absent in 10cc
5-12-14	Slightly turbid	284	58	226	21	None	.160	.008	.098	2	Bl.	62	86	B. Coli present in 10cc
6-10-14	Slightly turbid	254	70	184	28	Trace	.440	.008	.096	2	Bl.	54	30	B. Coli absent in 10cc

SPRING VALLEY WATER CO.—CLAY ST. TANK.

7-15-13												36	24	B. Coli absent in 10cc
7-24-13	Clear	224	76	148	26	.002	.295	.020	.084	2	Bl.	46	10	B. Coli present in 10cc
8-5-13	Clear	243	43	200	27	.006	.290	.012	.100	3	Bl.	38	8	B. Coli present in 10cc

8-26-13												160	45	B. Coli absent in 10cc
9-12-13	Clear	219	75	144	27	None	.280	.014	.068	1	Bl.	44	36	B. Coli present in 10cc
9-29-13												76	28	B. Coli absent in 10cc
10-3-13												20	44	B. Coli present in 10cc
10-7-13	Clear	213	82	131	26	None	.380	.006	.100	2	Bl.	150	30	B. Coli absent in 10cc
10-10-13												50	60	B. Coli absent in 10cc
10-14-13												26	28	B. Coli absent in 10cc
11-7-13	Clear	229	80	149	27	.002	.645	.016	.126	2	Bl.	46	50	B. Coli present in 10cc
12-2-13	Clear	223	75	148	25	.005	.320	.010	.108	2	Bl.	2000	5800	B. Coli absent in 10cc
12-16-13												46	60	B. Coli absent in 10cc
1-16-14	Slightly turbid	219	73	146	26	None	.920	.008	.168	2	Bl.	200	75	B. Coli present in 10cc
2-3-14	Turbid	226	78	148	24	None	1.41	.006	.088	2	Bl.	200	60	B. Coli absent in 10cc
3-10-14	Slightly turbid	225	48	177	20	None	2.45	.008	.064	2	Bl.	140	60	B. Coli absent in 10cc
4-15-14	Turbid	237	94	143	17	.005	.430	.006	.072	1	Bl.	80	56	B. Coli present in 10cc
5-12-14	Clear	246	70	176	20	None	.160	.006	.054	2	Bl.	48	30	B. Coli present in 10cc
6-10-14	Clear	264	84	180	23	None	.580	.008	.072	2	Bl.	32	10	B. Coli absent in 10cc

SPRING VALLEY WATER CO.—COLLEGE HILL RESERVOIR.

7-15-13												1750	800	B. Coli present in 1cc
7-21-13	Turbid	198	60	138	27	.005	.230	.032	.328	2	Bl.	604	98	B. Coli present in 1cc
8-5-13	Turbid	201	57	144	27	None	.160	.012	.232	4	Bl.	68	26	B. Coli present in 10cc
8-26-13												300	160	B. Coli absent in 10cc
9-11-13	Turbid	247	57	190	27	.001	.090	.010	.146	2	Bl.	98	112	B. Coli present in 5cc
10-3-13												206	156	B. Coli present in 1cc
10-7-13	Slightly turbid	242	52	190	26	.002	.620	.006	.088	2	Bl.	76	64	B. Coli present in 5cc
10-10-13												40	60	B. Coli absent in 10cc
10-14-13												320	86	B. Coli present in 10cc
11-17-13	Clear	190	70	120	30	.001	.210	.014	.134	3	Bl.	512	240	B. Coli present in 5cc
11-17-13												500	40	B. Coli present in 5cc
12-2-13	Clear	283	74	209	23	.002	.800	.008	.064	1	Bl.	1000	630	B. Coli present in 10cc
12-16-13												360	100	B. Coli present in 10cc
1-16-14	Turbid	277	54	223	20	None	2.50	.012	.064	2	Bl.	1080	640	B. Coli present in 1cc
2-3-14	Turbid	199	48	151	24	None	1.80	.006	.134	4	Bl.	800	510	B. Coli present in 10cc
3-10-14	Turbid	242	39	203	23	None	.690	.008	.126	3	Bl.	200	120	B. Coli present in 10cc
4-15-14	Turbid	196	45	151	23	None	.270	.008	.122	3	Bl.	100	108	B. Coli present in 10cc
5-12-14	Slightly turbid	159	47	112	27	None	.190	.012	.146	4	Bl.	540	200	B. Coli absent in 10cc
6-10-14	Slightly turbid	243	73	170	32	Trace	.210	.010	.144	2	Bl.	38	20	B. Coli present in 5cc

TABLE 18—Continued.

SPRING VALLEY WATER CO.—FRANCIS ST. RESERVOIR.

Date Received	Color	Total Solids	Loss Ignition	Fixed Residue	Chlorine	Nitrogen as				Oxygen Consumed	On Ignition	Bacteria Per CC Agar Room Temp.	Bacteria Per CC Agar 37o.	REMARKS.
						Nitrites	Nitrates	Free Ammonia	Albuminoid Ammonia					
7-24-13	Clear	230	68	162	32	.001	.300	.027	.120	4	Bl.	98	51	B. Coli present in 1cc
8-5-13	Clear	228	85	143	25	.004	.230	.012	.118	3	Bl.	80	35	B. Coli present in 10cc
												700	300	B. Coli present in 1cc
9-12-13	Slightly turbid	238	71	167	30	.002	.410	.014	.114	2	Bl.	680	230	B. Coli present in 1cc
9-29-13												510	290	B. Coli present in 10cc
10-3-13												60	152	B. Coli present in 5cc
10-7-13	Clear	207	84	123	25	None	.240	.008	.122	3	Bl.	300	130	B. Coli present in 10cc
10-10-13												900	130	B. Coli present in 10cc
10-7-13	Clear	248	99	149	25	.005	.760	.012	.116	2	Bl.	300	240	B. Coli absent in 10cc
12-3-13	Slightly turbid	243	75	168	30	Trace	.620	.008	.106	2	Bl.	1200	5000	B. Coli present in 5cc
12-16-13												180	100	B. Coli present in 10cc
1-16-14	Turbid	247	76	171	22	Trace	.560	.008	.100	2	Bl.	180	150	B. Coli absent in 10cc
2-3-14	Turbid	226	73	153	18	None	2.44	.008	.122	2	Bl.	148	100	B. Coli present in 10cc
3-10-14	Slightly turbid	228	44	184	15	Trace	2.10	.108	.072	1	Bl.	540	360	B. Coli absent in 10cc
4-15-14	Turbid	243	92	151	16	.003	3.85	.006	.110	1	Bl.	300	74	B. Coli absent in 10cc
5-12-14	Slightly turbid	260	69	191	21	Trace	.030	.006	.140	3	Bl.	390	200	B. Coli present in 1cc
6-10-14	Clear	252	68	204	30	Trace	.350	.008	.150	2	Bl.	160	120	B. Coli present in 10cc

SPRING VALLEY WATER CO.—LOMBARD ST. RESERVOIR.

7-16-13												152	200	B. Coli present in 5cc
7-24-13	Turbid	217	59	158	38	.002	.290	.034	.139	3	Bl.	280	190	B. Coli present in 1cc
8-5-13	Slightly turbid	235	46	189	37	.007	.240	.010	.114	3	Bl.	186	310	B. Coli absent in 10cc
9-12-13	Slightly turbid	245	77	168	33	Trace	.285	.012	.082	2	Bl.	380	700	B. Coli present in 5cc

9-29-13												258	190	B. Coli present in 1cc
10-3-13												18	160	B. Coli present in 1cc
10-7-13	Clear	243	85	168	32	Trace	.520	.008	.084	2	Bl.	110	28	B. Coli present in 5cc
10-10-13												760	600	B. Coli absent in 10cc
10-14-13												50	130	B. Coli absent in 10cc
11-7-13	Clear	213	59	154	33	.001	.440	.010	.110	3	Bl.	450	300	B. Coli present in 10cc
12-2-13	Slightly turbid	269	89	180	38	.001	.420	.008	.098	2	Bl.	2900	2680	B. Coli absent in 10cc
12-16-13												200	70	B. Coli absent in 10cc
1-16-14	Turbid	264	52	212	27	Trace	.920	.008	.062	2	Bl.	410	180	B. Coli present in 10cc
2-3-14	Turbid	229	81	148	25	None	2.35	.006	.106	3	Bl.	350	100	B. Coli absent in 10cc
3-10-14	Turbid	196	51	145	30	None	.635	.006	.120	3	Bl.	1260	1500	B. Coli absent in 10cc
4-15-14	Turbid	188	88	100	29	Trace	.270	.008	.158	2	Bl.	200	50	B. Coli present in 10cc
5-20-14	Slightly turbid	197	53	144	23	None	.030	.008	.150	3	Bl.	340	100	B. Coli Present in 10cc
6-10-14	Clear	264	62	202	36	None	.580	.010	.086	2	Bl.	120	80	B. Coli present in 10cc

SPRING VALLEY WATER CO.—POTRERO HEIGHTS RESERVOIR.

7-15-13												122	50	B. Coli absent in 10cc
7-25-13	Clear	234	77	157	30	.012	.160	.030	.124	4	Bl.	380	94	B. Coli present in 5cc
8-5-13	Clear	232	74	158	36	.004	.290	.012	.140	3	Bl.	180	82	B. Coli absent in 10cc
8-26-13												85	100	B. Coli absent in 10cc
9-10-13	Clear	214	77	137	27	0	.240	.022	.154	1	Bl.	840	512	B. Coli present in 10cc
10-3-13												94	100	B. Coli present in 5cc
10-7-13	Slightly turbid	214	77	137	28	0	.240	.014	.162	2	Bl.	112	140	B. Coli absent in 10cc
10-10-13												50	100	B. Coli absent in 10cc
10-14-13												62	40	B. Coli absent in 10cc
11-7-13	Clear	246	79	167	27	.006	.640	.022	.130	2	Bl.	240	190	B. Coli present in 5cc
11-17-13												300	480	B. Coli present in 10cc
12-2-13	Turbid	212	76	136	25	.002	.040	.012	.232	3	Bl.	3200	5600	B. Coli absent in 10cc
12-16-13												170	130	B. Coli absent in 10cc
1-16-14	Turbid	238	61	177	23	0	.460	.010	.068	2.0	Bl.	6500	6000	B. Coli present in 5cc
2-3-14	Turbid	242	61	181	17	0	2.55	.006	.080	3	Bl.	700	550	B. Coli present in 5cc
3-10-14	Turbid	214	62	152	23	Trace	.830	.010	.182	2	Bl.	480	600	B. Coli absent in 10cc
4-15-14	Turbid	250	70	180	16	0	.430	.010	.160	2	Bl.	96	52	B. Coli absent in 10cc
5-12-14	Slightly turbid	275	67	208	27	Trace	.080	.010	.196	3	Bl.	144	80	B. Coli absent in 10cc
6-10-14	Slightly turbid	264	72	192	28	Trace	.440	.008	.162	2	Bl.	370	400	B. Coli present in 10cc
7-14-14	Slightly turbid	246	37	209	25	Trace	.620	.012	.188	3	Bl.			
7-30-14	Slightly turbid	246	77	169	24	0	.610	.012	.190	3	Bl.	1700	4000	B. Coli absent in 10cc
8-13-14	Slightly turbid	238	61	177	25	Trace	.4	.014	.104	1.7	B. S.	5200	3600	B. Coli present in 10cc

TABLE 18—Continued.

SPRING VALLEY WATER CO.—UNIVERSITY MOUND RESERVOIR.

Date Received	Color	Total Solids	Loss Ignition	Fixed Residue	Chlorine	Nitrogen as Nitrites	Nitrogen as Nitrates	Nitrogen as Free Ammonia	Nitrogen as Albuminoid Ammonia	Oxygen Consumed	On Ignition	Bacteria Per CC Agar Room Temp.	Bacteria Per CC Agar 370	REMARKS.
7-15-13												306	50	B. Coli present in 10cc
7-21-13	Turbid	258	84	174	26	.002	.390	.042	.098	2	Bl.	754	204	B. Coli present in 10cc
8-5-13	Turbid	224	84	140	26	.007	.235	.014	.114	3	Bl.	156	72	B. Coli present in 10cc
8-26-13												400	160	B. Coli present in 10cc
9-11-13	Turbid	213	77	136	25	.0	.245	.008	.158	3	Bl.	702	504	B. Coli absent in 10cc
10-3-13												36	48	B. Coli absent in 10cc
10-7-13	Slightly turbid	206	77	129	25	.0	.190	.012	.170	3	Bl.	28	56	B. Coli absent in 10cc
11-7-13	Slightly turbid	252	85	167	26	.006	.945					250	100	B. Coli present in 1cc
10-10-13												20	56	B. Coli absent in 10cc
10-14-13								.016	.120	2	Bl.	150	100	B. Coli present in 10cc
11-17-13												240	96	B. Coli present in 5cc
12-22-13	Slightly turbid	212	94	118	24	.008	.330	.012	.106	3	Bl.	2700	3400	B. Coli present in 10cc
12-16-13												72	50	B. Coli present in 5cc
2-3-14	Turbid	235	76	159	18	.0	2.61	.006	.068	2	Bl.	260	300	B. Coli present in 5cc
3-10-14	Slightly turbid	165	48	117	15	.0	2.400	.006	.054	1	Bl.	120	100	B. Coli present in 10cc
4-15-14	Turbid	254	75	179	16	.0	.390	.008	.160	2	Bl.	130	80	B. Coli absent in 10cc
5-12-14	Slightly turbid	175	47	128	21	.0	.300	.010	.102	4	Bl.	480	120	B. Coli absent in 10cc
6-10-14	Slightly turbid	251	69	182	28	.0	.580	.016	.100	2	Bl.	72	40	B. Coli absent in 10cc
7-14-14	Slightly turbid	250	60	190	25	.0								
7-28-14	Slightly turbid	292	41	241	22	.0	.635	.010	.086	3	Bl.	70	18	B. Coli present in 10cc
8-13-14	Slightly turbid	222	69	153	24	Trace	.4	.010	.084	1.6	B. S.	620	400	B. Coli present in 10cc

SPRING VALLEY WATER CO.—LAKE HONDA

7-15-13												128	40	B. Coli present in 10cc
7-22-13	Turbid	269	57	212	45	.003	.165	.046	.186	4	Bl.	95	125	B. Coli present in 5cc

8-5-13	Turbid	233	93	140	46	.005	.275	.022	.144	4	Bl.	128	104	B. Coli present in 1cc
8-26-13												3200	1300	B. Coli present in 1cc
9-11-13	Turbid	256	49	203	36	Trace	.520	.012	.092	2	Bl.	160	96	B. Coli absent in 10cc
9-29-13												114	260	B. Coli present in 10cc
10-3-13												92	60	B. Coli present in 10cc
10-7-13	Slightly turbid	258	78	180	35	.001	.240	.010	.086	2	Bl.	160	42	B. Coli present in 10cc
10-10-13												200	140	B. Coli present in 10cc
10-14-13												96	68	B. Coli present in 5cc
11-7-13	Slightly turbid	208	54	154	36	.001	.330	.014	.144	3	Bl.	180	120	B. Coli absent in 10cc
11-17-13	Slightly turbid											110	80	B. Coli absent in 10cc
12-2-13	Turbid	257	67	190	33	.004	.420	.010	.124	2	Bl.	4750	5000	B. Coli present in 1cc
12-16-13												120	30	B. Coli absent in 10cc
1-16-14	Turbid	272	61	211	32	None	.550	.020	.078	2	Bl.	240	120	B. Coli present in 1cc
2-3-14	Turbid	245	83	162	37	None	1.00	.010	.112	3	Bl.	820	100	B. Coli present in 10cc
3-10-14	Turbid	180	65	115	28	None	.470	.008	.166	3	Bl.	1000	700	B. Coli present in 10cc
4-15-14	Turbid	167	46	121	29	None	.310	.008	.128	3	Bl.	300	120	B. Coli absent in 10cc
5-12-14	Slightly turbid	185	55	130	3.	None	.070	.010	.160	4	Bl.	110	96	B. Coli absent in 10cc
6-10-14	Slightly turbid	267	92	175	42	Trace	.440	.010	.148	2	Bl.	50	22	B. Coli absent in 10cc

SPRING VALLEY WATER CO.—SOUTH MERCED LAKE.

7-15-13												1800	700	B. Coli present in 5cc
7-22-13	Turbid	278	67	211	67	.002	.240	.076	.310	8	Bl.	3210	3840	B. Coli present in 1cc
8-5-13	Turbid	225	59	166	67	.006	.150	.012	.274	5	Bl.	550	1326	B. Coli present in 1cc
8-26-13												880	1000	B. Coli present in 10cc
9-11-13	Turbid	292	77	215	70	None	.240	.010	.232	3	Bl.	71680	1680	B. Coli absent in 10cc
9-29-13												1224	360	B. Coli present in 5cc
10-3-13												620	178	B. Coli present in 10cc
10-7-13	Turbid	282	70	212	68	Trace	.120	.048	.274	4	Bl.	280	100	B. Coli present in 10cc
10-10-13												1200	150	B. Coli present in 5cc
10-14-13												300	120	B. Coli present in 5cc
11-7-13	Turbid	291	58	233	68	None	.210	.016	.234	4	Bl.	160	570	B. Coli present in 5cc
11-17-13												420	100	B. Coli present in 1cc
12-2-13		283	56	227	62	.006	.320	.078	.236	4	Bl.	5100	4730	B. Coli present in 1cc
12-16-13												200	120	B. Coli present in 5cc
1-16-14	Turbid	283	55	218	60	Trace	.930	.010	.148	3	Bl.	530	6300	B. Coli present in 1cc
2-3-14	Turbid	268	66	202	59	None	1.43	.008	.248	4	Bl.	1800	2000	B. Coli present in 1cc
3-10-14	Turbid	251	88	163	57	None	.470	.008	.342	4	Bl.	400	140	B. Coli absent in 10cc
4-15-14	Turbid	242	47	195	56	Trace	Trace	.008	.300	3	Bl.	94	80	B. Coli absent in 10cc
5-12-14	Turbid	255	66	189	58	Trace	Trace	.008	.272	4	Bl.	186	320	B. Coli present in 10cc
6-10-14	Slightly turbid	246	117	129	69	Trace	.080	.012	.184	2	Bl.	138	40	B. Coli absent in 10cc

TABLE 18—Continued.

SPRING VALLEY WATER CO.—NORTH MERCED LAKE.

Date Received	Color	Total Solids	Loss Ignition	Fixed Residue	Chlorine	Nitrogen as				Oxygen Consumed	On Ignition	Bacteria Per CC Agar Room Temp.	Bacteria Per CC Agar 37o	REMARKS.
						Nitrites	Nitrates	Free Ammonia	Albuminoid Ammonia					
7-15-13												182	200	B. Coli absent in 10cc
7-22-13	Turbid	228	75	213	71	.001	.160	.050	.400	6	Bl.	82	60	B. Coli absent in 10cc
8-5-13	Turbid	290	63	227	69	None	.150	.020	.424	6	Bl.	150	72	B. Coli absent in 10cc
8-26-13												640	350	B. Coli absent in 10cc
9-11-13	Turbid	303	87	210	72	None	.190	.026	.286	4	Bl.	170	78	B. Coli absent in 10cc
9-29-13												320	130	B. Coli present in 10cc
10-3-13												220	174	B. Coli present in 10cc
10-7-13	Turbid	291	74	217	73	Trace	.210	.048	.266	4	Bl.	212	180	B. Coli present in 10cc
10-10-13												1500	130	B. Coli absent in 10cc
10-14-13												670	200	B. Coli present in 10cc
11-7-13	Turbid	307	82	225	73	None	.210	.018	.382	4	Bl.	760	800	B. Coli present in 10cc
11-17-13												3400	1200	B. Coli present in 1cc
12-2-13	Turbid	292	65	227	66	Trace	.030	.010	.404	4	Bl.	5800	3000	B. Coli present in 1cc
12-16-13												780	450	B. Coli present in 10cc
1-16-14	Turbid	292	72	224	63	Trace	.260	.008	.382	4	Bl.	750	330	B. Coli absent in 10cc
2-3-14	Turbid	269	76	193	60	None	1.00	.008	.364	5	Bl.	560	400	B. Coli present in 10cc
3-10-14	Turbid	247	72	175	57	None	.240	.006	.324	4	Bl.	500	375	B. Coli absent in 10cc
4-5-14	Turbid	257	73	184	58	Trace	Trace	.008	.268	4	Bl.	1500	400	B. Coli absent in 10cc
5-12-14	Turbid	268	101	167	59	None	Trace	.010	.224	4	Bl.	160	120	B. Coli absent in 10cc
6-10-14	Slightly turbid	265	107	168	59	None	.080	.044	.190	3	Bl.	136	80	B. Coli absent in 10cc

7-15-13												140	50	B. Coli present in 10cc
7-24-13	Clear	243	67	176	26	.004	.290	.052	.051	2	Bl.	160	104	B. Coli present in 5cc
8-5-13	Clear	228	85	143	25	.003	.300	.012	.078	3	Bl.	98	112	B. Coli present in 5cc
8-26-13												300	190	B. Coli absent in 10cc
9-12-13	Slightly turbid	210	73	137	25	None	.170	.010	.092	2	Bl.	188	96	B. Coli present in 10cc
9-29-13												116	144	B. Coli present in 5cc
10-3-13												280	576	B. Coli absent in 10cc
10-7-13	Slightly turbid	208	85	123	27	None	.280	.010	.120	3	Bl.	96	80	B. Coli absent in 10cc
10-10-13												350	150	B. Coli present in 10cc
10-14-13												68	126	B. Coli absent in 10cc
11-7-13	Slightly turbid	257	109	146	26	.004	.940	.014	.096	2	Bl.	90	300	B. Coli absent in 10cc
11-17-13												160	420	B. Coli present in 10cc
12-2-13	Clear	206	74	132	24	Trace	.320	.012	.118	2	Bl.	3500	4700	B. Coli present in 5cc
12-16-13												68	510	B. Coli absent in 10cc
1-16-14	Turbid	231	91	140	22	Trace	1.85	.008	.110	2	Bl.	400	340	B. Coli absent in 10cc
2-3-14	Turbid	235	56	179	18	None	2.30	.008	.070	2	Bl.	380	360	B. Coli present in 5cc
3-10-14	Slightly turbid	232	42	190	15	None	2.10	.006	.056	1	B. S.	350	60	B. Coli absent in 10cc
4-15-14	Slightly turbid	249	34	215	16	Trace	Trace	.012	.064	1	Bl.	60	20	B. Coli absent in 10cc
5-12-14	Slightly turbid	266	65	201	21	Trace	2.00	.012	.058	2	Bl.	86	50	B. Coli absent in 10cc

TABLE

WELL WATER

	Date Received	Color	Total Solids	Loss Ignition	Fixed Residue
2526 Great Highway	10-7-13	Clear	268	52	216
St. Francis Hospital					
McAllister and Jones					
24 Tiffany Ave.	8-13-13	Clear	576	69	507
California and Spruce	9-26-13	Clear	690	237	453
679 Green St.	10-9-13	Clear	959	195	764
679 Green St.	9-16-13	Clear	969	203	766
649 Green St.	9-11-13	Clear	1031	266	765
Fifth and Market	9-26-13	Clear	865	361	504
2829 San Bruno Rd.	10-15-13	Clear	425	151	274
3529 San Bruno Rd.	10-15-13	Clear	1245	330	915
Post and Scott Sts.	10-10-13	Clear	497	204	293
778 Forty-first St.	2-9-14	Slightly turbid	224	60	164
778 Forty-first St.	1-23-14	Turbid	301	168	133
2853 Green St.	3-2-14	Clear	320	112	208
1955 Chestnut St.	3-2-14	Clear	1405	439	966
Harrison St. Playground	3-11-14	Turbid	441	74	367
270 Dolores St.	3-27-14	Turbid	419	83	336
202 University Ave.	5-12-14	Clear	300	118	182
Fourteenth and Harrison	5-12-14	Clear	570	194	376
Broadway and Grant Ave.	5-18-14	Turbid	104	209	837
2847 California St.	2-19-14	Clear	694	116	578
2847 California St.	5-25-14	Clear	495	158	337
Lake and Fourteenth Sts.	6-1-14	Slightly turbid	280	100	180

18—Continued.

IN SAN FRANCISCO.

Chlorine	Nitrogen as Nitrites	Nitrogen as Nitrates	Nitrogen as Free Ammonia	Nitrogen as Albuminoid Ammonia	Oxygen Consumed	On Ignition	Bacteria Per CC Agar Room Temp.	Bacteria Per CC Agar 37o	REMARKS.
45	.004	1.95	.010	.020	0.9	Bl.	86	50	B. Coli absent in 10cc
									B. Coli absent in 10cc
									B. Coli present in 1cc
122	.009	12.5	.016	.064	1	No Bl.	3700	1500	B. Coli present in 1cc
191	.008	4.32	.008	.038	1	No Bl.	5600		B. Coli absent in 10cc
220	4.00	7.20	.508	.054	6	No Bl.			
232	8.00	8.15	.872	.088	10	No Bl.	6500	100	B. Coli absent in 10cc
208	.005	12.65	.010	.088	2	B. S.	510	430	B. Coli absent in 10cc
117	.040	36.0	.010	.026	1	No Bl.		1000	B. Coli present in 5cc
88	.003	9.00	.008	.046	1	Bl.	25600	19200	B. Coli present in 5cc
167	.010	60.0	.016	.072	2	B. S.			
87	Trace	6.55	.004	.024	0.9	No Bl.	1000	1400	B. Coli present in 1cc
26	None	5.85	.008	.032	1	No Bl.	480	300	B. Coli absent in 10cc
36	.100	5.65	.010	.064	1	No Bl.	6500	768	B. Coli absent in 10cc
34	.006	13.8	.020	.202	4	Bl.	700	250	B. Coli absent in 10cc
358	.005	84.25	.016	.132	16	No Bl.	500	200	B. Coli present in 1cc
95	.010	Trace	.156	.026	1	Bl.	5200	1200	B. Coli present in 1cc
68	.020	4.30	.104	.076	2	No Bl.	14	75	B. Coli absent in 10cc
38	None	6.00	.004	.024	1	No Bl.	1000	80	B. Coli absent in 10cc
143	Trace	None	.378	.036	2	No Bl.	72	30	B. Coli absent in 10cc
200	.072	87	.024	.076	2	B. S.	6000	25000	B. Coli present in 1cc
58	.187	76.8	.064	.058	2	No Bl.	6000	300	B. Coli present in 1cc
53	.010	50.0	.010	.054	0.5	No Bl.	1000	420	B. Coli absent in 10cc
53	.064	.410	.742	.086	2	No Bl.	70	0	B. Coli absent in 10cc

TABLE 18—Continued.

MUNICIPAL WATER SUPPLY—SUMP.

Date Received	Color	Total Solids	Loss Ignition	Fixed Residue	Chlorine	Nitrogen as Nitrites	Nitrogen as Nitrates	Nitrogen as Free Ammonia	Nitrogen as Albuminoid Ammonia	Oxygen Consumed	On Ignition	Bacteria Per CC Agar Room Temp.	Bacteria Per CC Agar 37°	REMARKS,
7-21	Clear	282	85	207	41	.003	4.10	.024	.118	1	B. S.	105	280	B. Coli present in 10cc
8-6	Clear	276	81	195	41	.001	6.05	.006	.028	1	No B.	2112	96	B. Coli absent in 10cc
11-4	Clear	267	79	188	40	0	5.35	.004	.026	.5	B. S.	240	1300	B. Coli absent in 10cc
12-3	Clear	283	58	225	39	Trace	4.50	.004	.036	.7	No B.	10	190	B. Coli absent in 10cc
1-15	Clear	276	59	227	40	0	9.50	.008	.038	.5	No B.	300	160	B. Coli absent in 10cc
2-5	Clear	271	65	206	41	0	6.50	.004	.022	1	No B.	156	200	B. Coli present in 1cc
3-4	Clear	281	67	213	41	0	9.75	.010	.058	1	No B.	30	40	B. Coli absent in 10cc
4-16	Clear	280	67	213	42	0	10.0	.008	.024	1	B.	50	10	B. Coli absent in 10cc
5-4	Clear	289	89	200	41	.002	7.9	.010	.124	1	B. S.	72	60	B. Coli absent in 10cc
6-9	Clear	280	54	226	42	.007	7.24	.006	.020	.4	B. S.	40	18	B. Coli absent in 10cc

MUNICIPAL WATER SUPPLY—TANK.

7-12-13	Clear	270	59	211	41	.002	4.20	.027	.137	1	Bl.	3112	910	B. Coli present in 1cc
8-6-13	Clear	278	68	210	41	.002	5.05	.008	.024	1	Bl. S.	1450	56	B. Coli absent in 10cc
11-14-13	Clear	272	84	188	40	.000	5.00	.004	.026	4	B. S.	400	160	B. Coli present in 1cc
12-3-13	Clear	275	58	217	38	Trace	4.50	.006	.044	0.9	No Bl.	320	1200	B. Coli present in 5cc
1-15-14	Clear	269	63	206	40	None	10.9	.008	.056	0.6	No Bl.	180	96	B. Coli absent in 10cc
2-5-14	Clear	277	67	210	41	None	6.80	.004	.022	1.0	B. S.	200	140	B. Coli present in 10cc
3-4-14	Clear	277	51	226	41	None	9.75	.010	.006	1	No Bl.	300	80	B. Coli present in 1cc
4-14-14	Clear	276	62	214	42	None	16.13	.010	.030	1	No Bl.	700	72	B. Coli absent in 10cc
5-4-14	Clear	290	63	227	41	.004	11.20	.006	.070	1	No Bl.	38	30	B. Coli present in 5cc
6-9-14	Clear	298	78	220	42	.005	7.30	.008	.032	0.7	B. S.	40	34	B. Coli absent in 10cc
														B. Coli present in 5cc
														B. Coli absent in 10cc

MUNICIPAL WATER SUPPLY—WELL.

7-21-13	Clear	279	81	198	41	.002	3.95	.028	.087	1	No Bl.	40	15	B. Coli absent in 10cc
8-6-13	Clear	274	61	213	41	.001	5.60	.012	.032	1	No Bl.	168	22	B. Coli absent in 10cc
11-14-13	Clear	264	63	201	40	None	5.30	.004	.022	1	B. S.	400	160	B. Coli absent in 10cc
12-3-13	Clear	308	78	230	39	Trace	4.60	.006	.036	0.8	Bl..	12	35	B. Coli absent in 10cc
1-15-14	Clear	278	83	195	41	None	7.30	.008	.088	1	No Bl.	220	716	B. Coli absent in 10cc
2-5-14	Clear	288	83	205	41	None	6.70	.004	.048	1	B. S.	100	220	B. Coli present in 5cc
3-4-14	Clear	283	59	224	41	None	13.25	.010	.054	1	No Bl.	46	30	B. Coli present in 5cc
4-14-14	Clear	280	92	188	39	None	16.00	.008	.046	1	B. S.	40	24	B. Coli absent in 10cc
5-4-14	Clear	289	51	238	41	.002	11.30	.008	.086	1	B. S.	35	20	B. Coli absent in 10cc
6-9-14	Clear	285	64	221	42	.007	7.20	.012	.032	0.4	No Bl.	26	16	B. Coli absent in 10cc
														B. Coli absent in 10cc
														B. Coli absent in 10cc

GOLDEN GATE PARK—CHILDREN'S PLAYGROUND.

7-16-13	Clear	207	39	168	44	.007	.320	.027	.281	4	No Bl.	125	30	B. Coli present in 10cc
8-8-13	Turbid	266	73	193	42	.001	.390	.012	.126	3	Bl.	72	56	B. Coli absent in 10cc
9-11-13	Slightly turbid	257	61	196	44	0	.520	.006	.078	2	B. S.	92	48	B. Coli present in 10cc
10-3-13	Clear	248	67	181	34	0	7.45	.006	.066	2	No Bl.	68	60	B. Coli present in 10cc
11-17-13	Clear	407	153	254	34	0	1.11	.008	.058	2	B. S.	80	64	B. Coli present in 10cc
12-3-13	Slightly turbid	268	62	206	37	Trace	.080	.010	.078	1	Bl.	320	120	B. Coli present in 1cc
1-15-14	Turbid	264	43	221	31	0	1.50	.018	.096	2	Bl. S.	860	750	B. Coli present in 10cc
2-4-14	Turbid	212	51	161	37	0	1.11	.006	.118	4	Bl.	180	200	B. Coli absent in 10cc
3-3-14	Turbid	191	50	141	30	0	.540	.012	.178	3	Bl.	250	30	B. Coli present in 10cc
4-15-14	Turbid	174	46	128	35	0	.340	.008	.156	4	Bl.	50	16	B. Coli absent in 10cc
5-5-14	Slightly turbid	166	48	118	35	0	.550	.010	.126	3	Bl.	40	10	B. Coli present in 10cc
6-8-14	Clear	278	44	234	36	0	.640	.008	.076	1	B. S.	10	12	B. Coli present in 10cc
7-13-14	Slightly turbid	274	40	234	28	0	.510	.008	.064	2	Bl.			
7-30-14	Clear	273	45	228	30	0	.850	.012	.060	2	Bl.	70	40	B. Coli absent in 10cc
8-11-14	Slightly turbid	257	47	210	32	0	.4	.008	.088	1.7	B. S.	300	56	B. Coli absent in 10cc

TABLE 18—Continued.

GOLDEN GATE PARK—DUTCH WINDMILL.

Date Received	Color	Total Solids	Loss Ignition	Fixed Residue	Chlorine	Nitrogen as Nitrites	Nitrogen as Nitrates	Nitrogen as Free Ammonia	Nitrogen as Albuminoid Ammonia	Oxygen Consumed	On Ignition	Bacteria Per CC Agar Room Temp.	Bacteria Per CC Agar 37o	REMARKS,
7-16-13	Turbid	328	82	246	54	.009	.270	.022	.138	2	Bl.	1500	450	B. Coli present in 1cc
8-8-13	Turbid	336	114	222	50	.010	1.50	.014	.044	3	No Bl.	1280	380	B. Coli present in 5cc
9-11-13	Slightly turbid	340	109	231	52	.010	1.80	.010	.058	1	Bl.	230	346	B. Coli present in 1cc
10-3-13	Turbid	348	93	255	55	.014	1.50	.010	.054	1	Bl.	370	610	B. Coli present in 1cc
11-17-13	Slightly turbid	356	103	253	53	Trace	Trace	.048	.064	2	Bl.	6500	1000	B. Coli present in 1cc
5-5-14	Clear	409	89	320	61	.018	6.20	.006	.064	2	Bl.	600	560	B. Coli present in 5cc
6-8-14	Clear	459	120	339	73	.009	5.00	.008	.072	2	B. S.	360	200	B. Coli absent in 10cc
7-13-14	Clear	480	142	338	71	.020	4.40	.016	.108	3				B. Coli present in 10cc
7-30-14	Clear	415	97	318	60	.014	3.0	.010	.062	2	No Bl.	400	60	B. Coli present in 10cc
8-11-14	Clear	389	93	296	59	.024	2.0	.010	.104	2.2	B. S.	350	120	

GOLDEN GATE PARK—LODGE.

7-16-13	Clear	371	163	208	46	.009	7.40	.012	.144	2	No Bl.	640	340	B. Coli present in 1cc
8-8-13		440	199	241	43	.002	.385	.012	.084	1	No Bl.	460	156	B. Coli present in 1cc
9-11-13	Slightly turbid	377	102	275	42	.005	6.35	.010	.062	1	No Bl.	56	96	B. Coli present in 1cc
10-3-13	Slightly turbid	384	132	252	43	.004	7.40	.008	.054	1	B. S.	480	1100	B. Coli present in 1cc
11-17-13	Slightly turbid	352	103	249	35	0	.710	.008	.098	2.0	Bl.	100	90	B. Coli absent in 10cc
12-3-13	Clear	406	138	268	41	.002	20.25	.006	.066	1	No Bl.	300	220	B. Coli present in 5cc
1-15-14	Slightly turbid	383	116	267	40	0	17.4	.010	.068	1	No Bl.	960	510	B. Coli absent in 10cc
2-4-14	Turbid	217	57	160	34	0	1.25	.006	.078	3	Bl.	200	160	B. Coli absent in 10cc
3-3-14	Turbid	195	54	141	31	0	.540	.013	.148	3	Bl.	120	80	B. Coli absent in 10cc
4-15-14	Clear	389	124	265	43	0	21.000	.006	.054	1	Bl.	100	30	B. Coli absent in 10cc
5-5-14	Slightly turbid	169	55	114	35	0	.280	.006	.138	1	Bl.	38	22	B. Coli absent in 10cc

6-8-14	Clear	266	60	206	36	0	.930	.010	.080	2	B. S.	20	14	B. Coli absent in 10cc
7-31-14	Slightly turbid	350	102	248	42	Trace	15.5	.006	.064	8	No Bl.	80	1800	B. Coli present in 5cc
8-11-14	Slightly turbid	395	145	250	45	.008	10.0	.006	.084	1.0	No Bl.	720	300	B. Coli present in 5cc

GOLDEN GATE PARK—PUMPING STATION.

7-16-13	Turbid	393	143	250	46	.006	8.90	.016	.144	2	Bl.	640	400	B. Coli absent in 10cc
8-8-13	Turbid	444	117	327	44	.001	5.80	.016	.052	3	B. S.	164	276	B. Coli present in ⅒ cc
9-11-13	Slightly turbid	396	146	250	44	.010	6.60	.008	.036	1	B. S.	44	160	B. Coli present in 1cc
10-3-13	Turbid	382	154	228	43	.012	.540	.008	.036	1	No Bl.	40	1800	B. Coli present in 5cc
11-17-13	Clear	258	48	210	43	.006	.036	.008	.036	0.9	Bl.	210	100	B. Coli present in 1cc
12-3-13	Slightly turbid	386	77	309	42	.002	21.3	.010	.046	1	B. S.	2000	320	B. Coli absent in 10cc
1-15-14	Slightly turbid	420	65	355	42	.008	29.0	.010	.052	1	No Bl.	1080	400	B. Coli present in 1cc
2-4-14	Clear	421	166	255	39	.010	24.3	.006	.036	2	B. S.	510	420	B. Coli present in 10cc
3-3-14	Slightly turbid	419	142	277	38	.009	25.0	.010	.040	1	No Bl.	550	100	B. Coli present in 1cc
4-15-14	Clear	416	153	263	43	.009	43.0	.006	.058	2	Bl.	200	180	B. Coli present in 10cc
5-5-14	Clear	415	156	259	45	.008	26.4	.006	.038	2	Bl.	160	112	B. Coli absent in 10cc
6-8-14	Clear	290	99	191	43	.005	18.0	.008	.032	1	B. S.	22	80	B. Coli present in 10cc
7-13-14	Slightly turbid	420	151	269	55	.001	1.38	.012	.044	1	B. S.			B. Coli present in 5cc
7-30-14	Slightly turbid	424	174	250	42	.012	16.60	.006	.044	2	No Bl.	275	170	B. Coli present in 10cc
8-11-14	Turbid	380	136	244	45	.006	10.0	.008	.040	0.8	No Bl.	180	100	

GOLDEN GATE PARK—MURPHY'S WINDMILL.

7-16-13	Clear	345	96	249	54	.010	.330	.040	.216	3	Bl.	1000	250	B. Coli absent in 10cc
8-8-13	Slightly turbid	372	99	273	60	.002	5.75	.028	.104	3	Bl.	890	740	B. Coli present in ⅒ cc
9-11-13	Clear	365	110	255	56	.008	.490	.044	.066	1	Bl.	350	370	B. Coli absent in 10cc
10-3-13	Clear	367	56	311	55	.004	.620	.218	.050	2	No Bl.	420	220	B. Coli absent in 10cc
11-7-13	Clear	220	64	156	51	.010	1.05	.180	.038	2	Bl.	750	300	B. Coli present in 5cc
12-3-13	Clear	346	106	240	48	0.18	2.30	.036	.080	1	Bl.	800	780	B. Coli absent in 10cc
4-14-14	Turbid	445	109	336	67	.012	1.70	.027	.148	4	B. S.	250		B. Coli absent in 10cc
5-5-14	Clear	398	104	294	45	.014	.450	.124	.098	3	Bl.	720	1000	B. Coli present in 10cc
6-8-14	Clear	365	92	253	57	.010	.640	.050	.064	3	Bl.	48	30	B. Coli absent in 10cc
7-13-14	Clear	385	88	297	58	Trace	20.06	.028	.074	3	Bl.			
7-30-14	Clear	412	116	296	60	.012	1.04	.020	.052	4	No Bl.	40	20	B. Coli absent in 10cc
8-11-14	Slightly turbid	388	117	271	65	.010	1.0	.028	.076	1.5	B. S.	50	34	B. Coli present in 10cc

TABLE 18—Continued.

GOLDEN GATE PARK—STADIUM.

Date Received	Color	Total Solids	Loss Ignition	Fixed Residue	Chlorine	Nitrogen as Nitrites	Nitrogen as Nitrates	Nitrogen as Free Ammonia	Nitrogen as Albuminoid Ammonia	Oxygen Consumed	On Ignition	Bacteria Per CC Agar Room Temp.	Bacteria Per CC Agar 370	REMARKS,
7-16-13	Clear	313	97	216	57	.003	.310	.091	.453	4	No Bl.	350	530	B. Coli absent in 10cc
8-8-13	Turbid	297	58	239	56	.001	.250	.012	.248	4	No Bl.	120	94	B. Coli present in 5cc
9-11	Turbid	267	101	166	47	0	.310	.054	.480	5		78	600	B. Coli absent in 10cc
10-3-13	Slightly turbid	298	96	203	57	0	.530	.018	.286	4	Bl.	532	1200	B. Coli present in 5cc
11-17-13	Turbid	324	92	232	51	0.200	.640	.346	.400	7	Blk.	3000	1210	B. Coli present in 10cc
12-3-13	Turbid	312	94	218	44	Trace	.180	.564	.486	4	Bl.	1300	1150	B. Coli present in 5cc
1-15-14	Turbid	312	103	209	43	0	.400	.606	.266	4	Bl.	480	420	B. Coli absent in 10cc
2-4-14	Clear	280	50	230	30	.040	2.40	.040	.236	3	Bl.	80	120	B. Coli absent in 10cc
3-3-14	Slightly turbid	226	88	138	30	0	7.500	.014	.152	2	Bl. S.	280	80	B. Coli present in 10cc
4-14-14	Turbid	393	107	286	56	.009	.345	.180	.240	4	Blk.	500	8000	B. Coli absent in 10cc
5-5-14	Turbid	256	99	157	44	0	.740	.038	1.328	16	Bl.	4300	1200	B. Coli present in 10cc
6-8-14	Turbid	282	92	190	50	0	.760	.010	.642	2	Bl.	240	50	B. Coli absent in 10cc
6-26-14	Slightly turbid	365	83	282	55	0	.420	.920	.120	3	Bl.	130	100	B. Coli present in 10cc
7-13-14	Turbid	288	81	207	59	.001	.120	.010	.736	6	Bl.			
7-30-14	Turbid	372	95	277	60	.040	.550	.048	.340	6	Bl.	10000	2400	B. Coli present in 10cc
8-11-14	Slightly turbid	370	85	285	65	Trace	.4	.006	.196	24	B. S.	1060	800	B. Coli present in 5cc

GOLDEN GATE PARK—WINE PRESS FOUNTAIN.

7-16-14	Clear	408	176	232	46	.015	7.40	.049	.097	2	Bl.	3500	920	B. Coli present in 1cc
8-8-14	Turbid	422	186	256	43	.003	5.75	.012	.056	2	No Bl.	310	476	B. Coli present in 5cc
9-11-14	Slightly turbid	376	103	273	42	.009	6.40	.010	.052	1	Bl. Sl.	84	110	B. Coli present in 1cc
10-13-14	Slightly turbid	374	134	240	42	.004	8.2	.008	.036	1	B. S.	560	96	B. Coli present in 1cc

TABLE 20.

DIVISION OF MEAT INSPECTION.

Inspections Made.

	Total	Abattoirs	Markets	Wharves	R. R. Depots	Commission Houses	Chinatown	Fish (lbs.)	Beeves	Calves	Hogs	Sheep	Lambs	Goats	Poultry
1913															
July	1581	309	307	563	54	123	225	762000	7122	4997	13556	14315	31418	0	197800
August	2171	349	701	711	55	120	235	710000	7230	5189	12850	10736	37745	0	212375
September	2428	218	1362	537	51	80	180	441500	8093	6653	13198	8120	41649	0	167350
October	2601	250	1457	627	54	78	135	490000	8205	7765	14550	15374	40978	0	224000
November	2231	270	1020	599	52	125	165	690000	7113	5882	15086	12503	34227	185	329900
December	2525	280	1168	592	54	228	203	519000	7966	6202	14161	13987	35192	0	247150
1914															
January	2542	341	1146	614	52	164	225	368000	7515	5208	13087	14950	32981	0	177956
February	2396	298	1145	541	50	167	195	580000	6860	8602	11282	12148	32461	0	200100
March	2684	349	1203	594	52	203	283	520000	7002	5889	12008	8801	34839	4	163250
April	2439	351	977	606	52	172	281	718000	10881	5041	9087	14798	35663	65	147575
May	2176	294	674	617	67	284	240	597000	6202	3958	9099	11700	31468	15	214100
June	1949	291	530	643	56	129	300	986075	6968	3720	9494	10288	34101		361640
Total	27723	3600	11690	7244	649	1873	2667	6981575	91157	69106	147458	147720	422722	269	2643196

TABLE 20—Continued.

CONDEMNATIONS AND SEIZURES

	Total	1913						1914					
		July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
Fish (lbs.)	106471	14571	14060	7028	10960	12234	4350	2088	10925	1473	5465	8158	15159
Beef (lbs.)	132941	16105	9776	14448	31902	4243	5716	15006	5774	5212	3722	8236	12741
Calves	978	32	23	42	66	61	172	233	136	106	56	23	28
Sheep	989	100	38	87	54	103	72	183	72	88	134	35	23
Lambs	191			2	104	23	5	3	12	16	9	14	3
Hogs	1601	155	136	51	195	172	130	74	98	96	190	137	167
Beef Heads	1519	216	155	69	202	111	118	68	82	109	119	112	158
Calves Heads	52	14	4	2	8	7		8		2	2		5
Hog Heads	10810	1577	868	656	1436	1023	816	799	767	822	658	725	663
Livers	47709	5631	3608	2712	6395	4380	4084	3677	3486	3582	3312	3560	3282
Beef Tongues	189	6	12	106	29		13	8	6	2	2	3	2
Chickens	6882	573	475	476	857	744	759	528	306	443	471	726	524
Turkeys	95	1	2	9	2	3	33	20	18	3	1	3	
Hare	2186	494	291	488	9	10	26	219	32		2	20	595
Ducks	179	43	17	2	44	20	15	32				3	3
Geese													
Hams	354	2	218		29		6	3	19	6		65	6
Hearts	78237			4158	7835	7840	7724	7411	8933	12727	21609		
Pork (lbs.)	46		2		35		9						
Deer													

TABLE 20—Continued.

ANNUAL REPORT DIVISION OF MARKET INSPECTION.

CATTLE SLAUGHTERED FOR HUMAN CONSUMPTION.

Month	Source of Supply	Totals	Beeves	Calves	Sheep	Lambs	Hogs	Goats
1913								
July	Butchertown	69116	7122	2051	14057	32341	13545	
	Outside	18640	2809	3639	4228	7215	749	
	Total	87756	9931	5690	18285	39556	14294	
August	Butchertown	71544	7311	2217	10799	38438	12779	
	Outside	17255	2408	3553	4168	6242	884	
	Total	88799	9719	5770	14967	44680	13663	
September	Butchertown	70716	7203	2530	6868	41199	12916	
	Outside	17815	2178	4423	4869	5326	1019	
	Total	88531	9381	6953	11737	46525	13935	
October	Butchertown	78207	7630	1893	14798	39551	14335	
	Outside	22089	2867	6001	4645	7697	879	
	Total	100296	10497	7894	19443	47248	15214	
November	Butchertown	67551	6582	1216	12103	32709	14756	185
	Outside	16837	2273	4504	3468	6082	510	
	Total	84388	8855	5720	15571	38791	15266	185
December	Butchertown	70402	7426	1143	13534	34459	13840	
	Outside	17094	2087	4911	3778	5233	1085	
	Total	87496	9513	6054	17312	39692	14925	
1914								
January	Butchertown	64736	6915	632	14640	29773	12776	
	Outside	17485	2673	4537	4407	5068	800	
	Total	82221	9588	5169	19047	34841	13576	
February	Butchertown	60809	6360	407	11648	31461	10933	
	Outside	14745	2126	5005	3605	3408	601	
	Total	75554	8486	5412	15253	34869	11534	
March	Butchertown	59907	6452	195	9949	33339	9972	
	Outside	18105	2316	5702	3071	5817	1195	4
	Total	78012	8768	5897	13020	39156	11167	4
April	Butchertown	63411	6983	220	13428	33989	8791	
	Outside	18672	2125	4937	3567	7004	1039	
	Total	82083	9108	5157	16995	40993	9830	
May	Butchertown	58913	5996	510	12442	31068	8882	15
	Outside	17381	1825	3689	1495	9575	797	
	Total	76294	7821	4199	13937	40643	9679	15
June	Butchertown	60425	6847	648	10068	35696	7166	
	Outside	13513	1745	3257	1609	6414	488	
	Total	73938	8592	3905	11677	42110	7654	
Totals	Butchertown	795757	82827	13662	144334	414023	140711	200
	Outside	209631	27432	54158	42910	75081	10046	4
	Total	1005388	110259	67820	187244	489104	150757	204

TABLE 21.

DIVISION OF INDUSTRIAL INSPECTION.

Class of Premises Inspected	Total Number of Inspections Made	No. of Premises Found Sanitary	No. Found Insanitary	Complaints Referred to Plumbing and Other Departments	First Notice Given to Abate	Last Notice Given to Abate	Premises Re-inspected	Work progressing; partially abated	Nuisances Abated	Nuisances Unabated
Bakeries	988	894	94	7	63	23	71	22	48	
Bath Houses	24	22	2		1		2	1	1	
Candy Factories	211	159	52		36	36	46	8	32	
Cigar Factories	80	75	5		5	8	7		5	
Garment and Shoe Factories	352	266	86	6	93	77	85	6	74	
Laundries	1185	793	392	217	73	35	169	59	64	
Meat Markets	149	115	34	1	13	13	35	12	23	
Nickelodeons	1504	1343	161	3	56	68	158	57	63	
Printing and Bookbinding Shops	118	90	28	4	15	31	28	2	22	
Restaurants	2071	1832	239	20	113	83	195	46	52	
Hospitals	4	4								
Homes for Children	520	459	61	7	43	26	42	1	11	
Miscellaneous	821	515	306	39	118	145	303	61	147	
Dry Goods and General Merchandise	225	160	65		65	65	65		59	
Tenement Houses	170	144	26	1		33	32	14	18	
Office Buildings	16	10	6		6	6	6		6	
Tailor Shops	129	82	47		47	47	47	3	42	
Maternity Homes	6	5	1	1			1			
Garbage Wagons	408	408								
Total	8981	7376	1605	306	747	696	1292	292	667	

TABLE 22.

ANNUAL REPORT, DIVISION OF SANITARY INSPECTION.

NUISANCES	Totals	1913						1914					
		July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June
Complaints unabated at last report	15	1		1	1	3	4	2			1	2	
Complaints filed during month	146	5	17	21	11	8	7	10	10	13	12	19	13
Total	161	6	17	22	12	11	11	12	10	13	13	21	13
Complaints abated	103	6	10	18	1	6	4	12	8	7	10	12	9
No cause	15		2		6		3		1	1		2	
Referred to other departments	26		4	3	2	1	2		1	4	1	7	1
Unabated	17		1	1	3	4	2			1	2		3
Total	161	6	17	22	12	11	11	12	10	13	13	21	13
Number of first inspections	149	5	17	21	11	8	8	12	10	13	12	19	13
Number of re-inspections	3748	303	332	362	376	308	398	354	295	324	270	224	202
Special inspections	3835	291	300	249	265	251	267	291	281	404	378	459	399
Total number of inspections	7732	599	649	632	652	567	673	657	586	741	660	702	614

TABLE 23.

ANNUAL REPORT, DIVISION OF PLUMBING INSPECTION.

	Totals	1913						1914					
		July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June
Inspection Construction.													
In Construction	4107	298	380	351	366	271	321	290	354	334	323	415	404
On Completion	2636	222	216	226	239	178	211	206	181	242	250	246	219
On Work Granted by Permit	2063	169	114	150	153	145	210	213	143	225	212	151	178
Reinspections	4801	394	328	395	418	363	425	411	390	435	436	369	437
Total	13607	1083	1038	1122	1176	957	1167	1120	1068	1236	1221	1181	1238
Sewers.													
Inspected	4019	298	380	320	366	271	329	290	284	334	328	415	404
Cast Iron (feet)	379155	26000	32400	30260	31300	26350	31500	31160	27500	35700	22550	44405	40030
Iron Stone (feet)	120534	8450	8480	9320	11150	9000	9080	9240	7740	11240	8230	16435	12169
Curb Traps	2800	232	238	242	249	197	222	221	194	241	256	263	245

TABLE 23—Continued.

ANNUAL REPORT, DIVISION OF PLUMBING INSPECTION—Continued.

	Totals	1913						1914					
		July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June
Nuisances.													
First Inspection	1491	109	95	99	145	151	124	153	123	151	126	122	93
Reinspection	2497	149	152	115	181	188	249	269	253	188	224	309	220
Total	3988	258	247	214	326	339	373	422	376	339	350	431	313
Unabated at Last Report	910	46	28	57	77	76	108	95	89	79	86	81	88
Received During Month	1665	120	102	120	173	164	133	166	134	175	142	132	104
Total	2575	166	130	177	250	240	241	261	223	254	228	213	192
Abated	1488	122	73	86	160	113	132	156	129	148	138	121	110
Referred to other Departments	53	5	1	9	3	4	3	5	5	5	4	3	6
No Cause	112	11	7	5	11	22	11	11	10	15	5	3	1
Remaining Unabated	924	28	49	77	76	101	95	89	79	86	81	88	75
Notices.													
First Notices	1560	109	101	103	168	148	144	155	123	151	134	127	97
Last Notices	796	61	29	46	92	73	67	80	61	68	73	69	77
Total	2356	170	130	149	260	221	211	235	184	219	207	196	174

TABLE 23—(Continued).

FIXTURES INSTALLED IN OLD BUILDINGS.

	Totals	1913						1914					
		July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
Water Closets	901	106	58	53	60	74	65	62	74	113	61	79	96
Basins	968	73	46	52	53	97	49	87	49	86	49	180	147
Bath Tubs	495	50	25	34	35	44	25	22	46	51	58	53	52
Sinks	574	67	52	27	50	44	36	33	55	53	39	55	63
Wash Trays	279	33	20	10	11	24	13	10	37	29	21	40	31
Urinals	112	17	8	3	7	9	10	11	5	19	9	4	10
Slop Hoppers	132	10	12	6	7	16	11	3	14	14	8	19	12
Grease Traps	46	4	3	4	2	7	8	3	0	4	4	3	4
Cesspools	78	12	6	0	4	12	4	4	7	6	8	6	9
Sewers	142	3	6	7	8	5	28	7	13	15	19	12	19

Number of plans submitted..... 1,498
Number of buildings represented..... 1,685
Permits granted for repair work..... 681

TABLE 23—(Continued).

ANNUAL REPORT, EXAMINATION FOR MASTER PLUMBER.

Date of Examination.	PLAN.				Date of Examination.	QUESTION		
	Applications Filed	Number Examined	Results			Number Examined	Results	
			Passed	Failed			Passed	Failed
July 11, 1913	7	7	3	4	July 18, 1913	3	2	1
Aug. 1, 1913	5	5	2	3	Aug. 15, 1913	2	1	1
Sept. 5, 1913	4	4	3	1	Sept. 19, 1913	2	2	0
Oct. 3, 1913	2	2	1	1	Oct. 17, 1913	2	1	1
Nov. 7, 1913	4	4	1	3	Nov. 21, 1913	0	0	0
Dec. 5, 1913	3	3	3		Dec. 19, 1913	1	1	
Jan. 2, 1914	3	1	1		Jan. 16, 1914	0	0	0
Feb. 6, 1914	8	8	4	4	Feb. 20, 1914	6	4	2
Mar. 6, 1914	6	6	4	2	Mar. 20, 1914	4	2	2
April 3, 1914	2	2	2		April 17, 1914	1	1	
May 8, 1914	5	3	3		May 15, 1914	2	2	
June 3, 1914	0	0	0	0	June 19, 1914	2	2	
Total	49	45	27	18	Total	25	18	7

Total passing both examinations and qualifying.....18

TABLE 24.

BOARD ACTIONS ON INSANITARY PREMISES.

MONTH.	CHARACTER OF PREMISES.	New cases brought before the Board.	Re-hearings	TOTAL	Results obtained on all condemnations.										
					Unabated at last report	Condemned during the month	TOTAL.	Cases Abated				Unabated	Refugee Shacks	Stables	Other Structures	Total
								By repair	By demolition	By Vacation	TOTAL.					
July (1913)	Dwelling	1			20		20		6		6	14				
	Stable	2			20	1	21	1	4	2	7	14				
	Miscellaneous	8			32	8	40	4	8		12	28	13	4	9	21
August	Dwelling				14		14					14				
	Stable				14		14					14				
	Miscellaneous				28		28					28				
September	Dwelling	5			14	4	18		11		11	7				
	Stable	5			14	4	18	1	6	2	9	9				
	Miscellaneous	12			28	6	34	3	14		17	17	65	6	28	99
October	Dwelling	4			7	5	12		3		3	9				
	Stable	5			9	3	12		1		1	11				
	Miscellaneous	7			17	3	20	2	1		3	17	1	1	3	5
November	Dwelling	6			9	8	17	3	2		5	12				
	Stable	4			11	2	13	3	2		5	8				
	Miscellaneous	7			17	3	20	1	4		5	15		3	6	9
December	Dwelling	8			12	4	16					16				
	Stable	4			8	4	12		2		2	10				
	Miscellaneous	4			15	8	23		4		4	19		2	6	8
January (1914)	Dwelling	4			10	5	15	3	6		9	21				
	Stable	6			16	6	22	2	4		6	16				
	Miscellaneous	7			19	7	26	6	6		12	26	6	4	10	20
February	Dwelling	5	4	9	21	4	25	4	11		15	10	25			25
	Stable	9	3	12	16	6	22	4	3		7	15		1		1
	Miscellaneous	2	2	4	26	2	28	8	13	1	22	6			1	1

March	Dwelling	3	8	11	10	4	14	3	3		6	8				
	Stable	1	9	10	15	3	18		4		4	14				
	Miscellaneous	6	6	12	6	6	12	4	5		9	3		4	12	16
April	Dwelling	1	5	6	8	3	11					11				
	Stable	11	8	19	14	9	23					23				
	Miscellaneous	9	4	13	3	7	10					10				
May	Dwelling	9	8	17	11	8	19	2	7		9	10				
	Stable	4		4	23	4	27		1	2	3	24				
	Miscellaneous	2	7	9	10	3	13	5	5		10	3	11	1	8	20
June	Dwelling	3	3	6	10	3	13		3	2	5	6				
	Stable	4	3	7	24	3	27			3	3	2				
	Miscellaneous	10	6	16	3	8	11	1	1	1	3	11	3	1		4
Total	Dwelling	49	28	49	146	48	194	15	52	2	69	138				
	Stable	55	23	52	184	45	229	11	27	9	47	160				
	Miscellaneous	74	25	54	204	61	265	34	61	2	97	183				
Grand Total		178	76	155	534	154	688	60	140	13	213	481	124	27	83	229

TABULATED REPORT OF THE EXPENDITURES IN THE WORK OF SPECIAL SANITATION DURING THE FISCAL YEAR 1913-1914 OF FUNDS APPROPRIATED FOR THIS WORK IN CONJUNCTION WITH THE UNITED STATES PUBLIC HEALTH SERVICE.

	1913						1914						
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	Total
Headquarters	90.94	80.94	65.00	77.45	67.00	82.96	73.15	81.26	83.90	76.35	71.85	72.89	923.69
Field Service	732.36	733.90	702.47	761.79	795.29	746.92	722.00	758.39	741.75	711.53	701.80	794.93	8903.13
Laboratory	161.95	75.55	107.42	51.34	36.27	194.39	162.33	62.07	108.14	101.76	124.27	92.67	1278.16
Printing & Stationery	21.52	13.62	10.98		5.00	49.04		24.62		18.77	42.35	11.85	197.75
Rat Traps and Bait, etc.	188.79	260.50	304.75	333.86	350.13	189.40	270.80	254.72	224.24	188.02	7.26	168.50	2740.97
Special Purposes	75.00	75.00	75.00				2.00		125.24	109.67	236.60	256.09	954.60
Total	1270.56	1239.51	1265.62	1224.44	1253.69	1262.71	1230.28	1181.06	1283.27	1206.10	1184.13	1396.93	14998.30

TABLE 25

STATEMENT OF PERMITS AND TRANSCRIPTS ISSUED AND FEES COLLECTED FOR THE FISCAL YEAR, 1913-1914

	July			August			September			October			November			December		
	Free	Paid	Fee	Free	Paid	Fee	Free	Paid	Fee	Free	Paid	Fee	Free	Paid	Fee	Free	Paid	Fee
Certified Certificates of Birth	0	41	$30.75	0	35	$26.25	0	40	$30.00	0	26	$19.50	0	29	$21.75		48	$36.00
Certified Certificates of Death	4	62	46.50	2	76	57.00	2	69	51.75	5	53	39.75	4	66	49.50	7	79	59.25
Removal Permits after Disinterment	69	1	10.00	105	1	10.00	47			110	1	10.00	22	3	30.00	58	1	10.00
Totals	73	104 177	$87.25	107	112 219	$93.25	49	109 158	$81.75	115	80 195	$68.25	26	98 124	$101.25	65	128 193	$105.25

	January			February			March			April			May			June			Totals		
	Free	Paid	Fee	Free	Paid	Fee	Free	Paid	Fee	Free	Paid	Fee	Free	Paid	Fee	Free	Paid	Fee	Free	Paid	Fee
Certified Certificates of Birth	0	35	$26.25	0	41	$30.75	0	48	$36.00	0	40	$30.00	0	45	$33.75	0	39	$29.25		467	$350.25
Certified Certificates of Death	4	77	57.75	5	71	53.25	5	88	66.00	4	90	67.50	4	63	47.25	3	66	49.50	49	860	645.00
Removal Permits after Disinterment	25	2	20.00	64	0		96	1	10.00	104	1	10.00	140	0		81	2	20.00	921	13	130.00
Totals	29	114 193	$104.00	69	112 181	$84.00	101	137 238	$112 00	108	131 239	$107.50	144	108 252	$81.00	84	107 191	$98.75	970	1340 2310	$1125.25

Fees from other sources..... $63.00

$1188.25

Respectfully submitted,

PERCY R. HENNESSY,
Auditor, Department of Public Health.

TABLE 25—Continued.

PERMITS ISSUED.

1913-1914

	Bath House	Laundry Certificates	*Scavenger Wagons	Milk	Master Plumbers' Licenses	*Manure Wagons	*Vegetable and Manure Wagons	*Swill Wagons	Approval of Location of Laundries	Approvals of Locations for Stables	Disapproval of Locations for Stables	*School Attendance	Homes for Children	Maternity Hospitals	Cigar Factory	Total
1913																
July		2		16	195					4		22				239
August		1			40			1	3	1		62			1	109
September		1		8	32				2			62	2	1		108
October		3	1	22	13				2			124				165
November				19	18				2			117				156
December		5		4	1				5			105	1	2		123
1914																
January			131	7	7		163	30	3			214	2	1		558
February		8	54	7		2	3	5	5			222				306
March		4	9	4	5		4	2	7	21	3	429	7	1		496
April		2		21			2	1	32	86	4	396	5	1		550
May		2		17	4			1	14	82	8	541	11	2		682
June		2	1	4	16				17	85	14	37	21	1		198
Total		30	196	129	331	2	172	40	92	279	29	2331	49	9	1	3690

* Issued by Bureau of Vital Statistics.

TABLE 26.
ARRESTS.

MONTH	RESULTS OBTAINED ON EACH MONTH'S ARRESTS	TOTALS	CITY ORDINANCES.													STATE LAWS.	
			13 Screening of Foodstuffs	615 Plumbing Law	655 Dyes, etc., in Meats	660 1273 Milk and Dairy Law	775 Scavenger Wagons	1008 Building Law	1029 Manure Wagons	1231 Slaughter and sale of calves	1265 Meat Inspection	1410 Keeping of swine	1426 Pure Food	1567 Air space in theatres	2099 Milk Containers	2457 Interment of dead	373A Penal Code	State Pure Food Law
1913																		
JULY	Convicted	6				6												
	Fines, $	150				150												
	Dismissed	8				4									2	1	1	
	Pending																	
AUGUST	Convicted	3				3												
	Fines, $	150				150												
	Dismissed	16	7			9												
	Pending																	
SEPTEMBER	Convicted	7				7												
	Fines, $	135				135												
	Dismissed	19	1			12		1			1						4	
	Pending																	
OCTOBER	Convicted	5			2	2							1					
	Fines, $	75			20	30							25					
	Dismissed	14	1	1		5					3		1		1		1	1
	Pending																	
NOVEMBER	Convicted	1											1					
	Fines, $	25											25					
	Dismissed	10	1			7							1				1	
	Pending																	
DECEMBER	Convicted	1				1												
	Fines, $	100				100												
	Dismissed	11				3						2	1		2		3	
	Pending																	

1914																			
JANUARY	Convicted	8			7	1													
	Fines, $	135			85	50													
	Dismissed	7			4	3													
	Pending																		
FEBRUARY	Convicted																		
	Fines, $																		
	Dismissed	3				2											1		
	Pending																		
MARCH	Convicted	2				2													
	Fines, $	125				125													
	Dismissed	10				3	3								2		2		
	Pending																		
APRIL	Convicted	4				3					1								
	Fines, $	250				150					100								
	Dismissed	12		1		8			1					2					
	Pending																		
MAY	Convicted																		
	Fines, $																		
	Dismissed	4				1					1		2						
	Pending																		
JUNE	Convicted																		
	Fines, $																		
	Dismissed	8	1	1		1				1					4				
	Pending																		
GRAND TOTAL	Convicted	37			9	25					1		2						
	Fines, $	1195			105	890					100		50						
	Dismissed	122	11	3	4	58	3	1	1	1	5	2	5	2	11	1	13	1	
	Pending																		
	Total	159	11	3	13	83	3	1	1	1	6	2	7	2	11	1	13	1	

TABLE 27.

EMERGENCY HOSPITALS.

REPORT OF CASES RECEIVED AND TREATED DURING FISCAL YEAR 1913-14.

CENTRAL HOSPITAL.

Surgical cases treated	10,055
Medical cases treated	4,326
Total	14,381
Emergency ambulance calls	2,732
Transfer ambulance calls	213
Total	2,945

HARBOR HOSPITAL.

Surgical cases treated	5,811
Medical cases treated	1,006
Total	6,817
Emergency ambulance calls	1,296
Transfer ambulance calls	331
Total	1,627

MISSION HOSPITAL.

Surgical cases treated	3,196
Medical cases treated	197
Total	3,393
Emergency ambulance calls	769
Transfer ambulance calls	147
Total	916

POTRERO HOSPITAL.

Surgical cases treated	1,902
Medical cases treated	184
Total	2,086
Emergency ambulance calls	298
Transfer ambulance calls	57
Total	355

TABLE 27—Continued.

PARK HOSPITAL.

Surgical cases treated	1,780
Medical cases treated	210
Total	1,990
Emergency ambulance calls	732
Transfer ambulance calls	618
Total	1,350
Grand total of all cases treated	29,996
Grand total of emergency ambulance calls	7,193

INSANE DETENTION HOSPITAL.

Total number of patients admitted	1,329

TABLE 28.—CITY AND COUNTY HOSPITAL.

STATEMENT OF PATIENTS ADMITTED, DISCHARGED AND DIED DURING FISCAL YEAR 1913-14.

	Admitted	Born	DISCHARGED														Employees
			Cured	Improved	Unimproved	Own Request	Refused Treatment	Removed by Friends or Relatives	Insubordination	Referred to insanity Commission	To Relief Home	Left without permission	To Tuberculosis Hosp.	To Isolation Hosp.	Died	Average Number of Patients	
1913																	
July	317	7	35	190	26			2		3	7	1	9	2	38	356.61	168
August	267	6	24	211	9					3	4		7		32	349.19	169
September	286	5	31	178	9	1	1	1	1	5	2		5	4	36	349.1	166
October	284	5	36	197	2		1	1		3	4	4	8	1	48	349.41	169
November	289	10	58	190	6			1	1	3	2		6	2	29	351.9	162
December	278	6	51	163	8					1	2				48	349.48	161
1914																	
January	276	6	50	172	10	1				1	5		2	1	47	354.38	164
February	241	7	43	148	4		1			3	5		2	2	33	353.9	164
March	294	8	60	156	18					3	14		9	2	53	348.16	165
April	266	4	31	164	17			3		1	5		6	3	45	343.33	162
May	285	6	42	188	9					3	7		7	4	33	346.41	160
June	278	7	32	181	10			1		4	4		2	2	47	346.96	168
	3361	77	493	2138	128	2	3	9	2	33	61	5	63	23	489	4198.83	1978
																Av. 349.9	164

Remaining in Hospital, June 30, 1913	350
Admitted and Born during year	3,438
Total	3,788
Total	3,788
Discharged and Died in year	3,449
Remaining June 30, 1914	339

TABLE 29.

TUBERCULOSIS DEPARTMENT, SAN FRANCISCO HOSPITAL.

FISCAL YEAR 1913-1914.

The Hospital is supposed to accommodate 160 patients, of which there are 30 beds for women and 130 beds for men. The following is monthly statement of the number admitted, also figures showing the results of treatment and the number of deaths.

	Admitted	Improved	Unimproved	Died
1913—July	53	17	11	22
August	53	13	9	14
September	51	25	4	23
October	64	12	10	23
November	57	11	9	24
December	40	10	4	24
1914—January	45	13	6	24
February	54	18	6	25
March	47	14	8	27
April	57	19	17	27
May	49	17	10	27
June	49	8	9	33
	619	177	103	293

Patients in hospital July 1, 1913	154	
Patients admitted during the fiscal year, 1913-14	619	
		773

Discharged during the fiscal year 1913-1914	573
Remaining June 30, 1914	200
Greatest number of patients in hospital at one time	203
Least number of patients in hospital at one time	158
Daily average number of patients	182
Number of bed days fiscal year 1913-1914	66,506

Total amount expended in salaries	$22,284	
Maintenance	46,000	
	$68,224	

Daily average number of employes	60
Cost of subsistence per person per day	.361
Total expense per patient per day	1.027

TABLE 30.

REPORT OF RELIEF HOME FOR AGED AND INFIRM—FISCAL YEAR ENDING JUNE 30, 1914.

Inmates remaining July 1, 1913		1,264
Admitted during fiscal year		676
		1,940

DISCHARGES.

Discharged at own request	328	
Overstayed pass	74	
Discharged for cause	25	
Left without permission	30	
Transferred to City and County Hospital	32	
Transferred to Tuberculosis Hospital	6	
Transferred to Isolation Hospital	5	
Committed to Insane Asylum	13	
Died	183	606
Total remaining June 30, 1914		1,334

SOCIAL CONDITION OF INMATES REMAINING.

Single	727	
Married	135	
Widowed	445	
Divorced	22	
"Separated"	5	
		1,334

RACES OF INMATES.

Caucasian	1,314	
Ethiopian	14	
Mongolian	6	
		1,334

NATIVITY.

Foreign Born	1,000	
Native Born (U. S.)	334	
		1,334

AGES OF INMATES.

20 to 30	17	
30 to 40	28	
40 to 50	87	
50 to 60	225	
60 to 70	425	
70 to 80	434	
80 to 90	115	
90 to 100	3	
		1,334

TABLE 30—Continued.

NUMBER OF TIMES ADMITTED.

First time	825	
Second time	325	
Third time	98	
Fourth time	30	
Fifth time	25	
Sixth time	7	
Seventh time	4	
Eighth time	5	
Ninth time	6	
Tenth time	5	
Eleventh time	2	
Twelfth time	1	
Thirteenth time	1	
		1,334

PHYSICAL CONDITION OF INMATES.

Number of males blind	32	
Number of females blind	7	
Number of males bedridden	12	
Number of females bedridden	12	
Number of males crippled	146	
Number of females crippled	55	
Number of males able to work	416	
Number of females able to work	97	
Number of males mentally incompetent	120	
Number of females mentally incompetent	59	
Number of males old and infirm	247	
Number of females old and infirm	98	
Number of males convalescent	21	
Number of females convalescent	12	
		1,334

TABLE 30—Continued.

PREVIOUS OCCUPATION OF INMATES.

Agents	3
Bakers	25
Barbers	7
Blacksmiths	8
Bookbinders	1
Boilermakers	4
Bricklayers	2
Boatmen	2
Bartenders	6
Butchers	8
Brewers	4
Caulkers	1
Cannery hands	5
Cigarmakers	3
Cabinet makers	4
Carriage makers	2
Carpenters	10
Cement workers	53
Civil engineers	2
Clock makers	2
Collectors	5
Cooks	76
Coopers	5
Dentists	2
Domestics	150
Clerks	9
Bookkeepers	8
Janitors	5
Laundresses	8
Laundrymen	6
Laborers	350
Locksmiths	2
Longshoremen	14
Lodginghouse keepers	2
Marble cutters	4
Machinists	5
Marine firemen	6
Mill hands	5
Milliners	3
Miners	25
Moulders	2
Musicians	6
No occupation	60
Nurses	6
Orderlies	5
Painters	15
Peddlers	5
Plasterers	15
Plumbers	2
Printers	6
Railroad men	2
Salesmen	12
Solicitors	4
Stewards	5
Sailors	35
Seamstresses	10
Saloon keepers	2
Ship carpenters	6
Shoe dealers	1
Shoemakers	15
Tailors	12
Tanners	2
Teachers	2
Teamsters	39
Tailoresses	4
Upholsterers	6
Waiters	41
Wagon makers	2
Watchmakers	7
Dressmakers	5
Confectioners	1
Compositors	4
Dry goods men	3
Firemen	3
Engineers	12
Engravers	2
Farmers	25
Fishermen	6
Hack drivers	7
Harness makers	3
Hair dressers	2
Hog rancher	1
Hostlers	6
Housewives	76
Iron workers	6

TABLE 30—Continued.

COST OF MAINTENANCE.

Subsistence for one year	$82,469.10
Subsistence for one month	6,872.42
Subsistence for one day	229.08
Subsistence for one inmate per day	.176
Clothing and bedding for one year	9,906.81
Clothing and bedding for one month	825.57
Clothing and bedding for one day	27.52
Clothing and bedding for one inmate per day	.021
Maintenance of total inmates per day	565.21
Maintenance of one inmate per day	.43½

TABLE 31.

REPORT OF CITY PHYSICIAN.

	Total	1913						1914					
		July	Aug.	Sept.	Oct.	Nov	Dec.	Jan.	Feb.	Mar.	April	May	June
Field Work—													
Visits to residences	572		28	44	53	70	52	53	66	54	40	51	61
Treated at office	277			44	47	28	17	11	19	25	19	25	42
Operations	2			2									
Total	851		28	90	100	98	69	64	85	79	59	76	103
City Prison Work—													
Visits to city prison	271		14	25	34	23	25	26	22	26	26	25	25
New Medical cases treated	769		26	51	80	68	91	70	85	73	84	75	66
Old Medical cases treated	626			110	159	34	54	40	51	64	45	40	29
Operations	5			5									
Total	1671		40	191	273	125	170	136	158	163	155	140	120
Vaccination Record—													
Vaccination at Central Emergency Hospital	75		33	31	11								
Re-dressings	260		140	90	30								
Vaccinations at City Prison	2323		53	150	242	228	317	246	216	303	174	212	182
Total	2658		226	271	283	228	317	246	216	303	174	212	182
Municipal R. R. Accidents	41					5	5	7	8	2	10	2	2
Liability Act Investigations	20								2	4	5	1	8
	61					5	5	7	10	6	15	3	10
Specimens taken for analysis	12			3		4	1				4		

DIVISION OF
VITAL STATISTICS
FISCAL YEAR 1913-14

Estimated Population	475,000
Population U. S. Census (1910)	416,912
Deaths registered	6,857
Annual Death Rate per 1,000 of population	14.43
Total Deaths	6,857
Less Children under 1 week	224
Non-Residents	534
Deaths, External Causes	657
	1,415
Net Total	5,442

Net Annual Death Rate per 1000 Population, 11.45.

Deaths by Sex.

Males	4,288
Females	2,569

By Color.

White	6,516
Black	50
Chinese	225
Japanese	66

By Social Condition.

Single	2,713
Married	2,466
Widowed	1,338
Divorced	112
Unknown	228

By Nativity.

San Francisco	1,053
Other Parts of California	1,096
Other States	1,447
Foreign Countries	3,052
Unknown	209

Births Registered	7,728

Annual Birth Rate per 1000 of Population, 16.26

Still Births Registered	338

(Not included in Birth or Mortality Tables.)

Marriage Licenses Issued (by County Clerk)	6,329

ED. M. COFFEY

STATISTICIAN

BIRTHS REGISTERED (STILL BIRTHS EXCLUDED).

MONTH	Totals	SEX		RACE				Twins (pairs)	Triplets (sets)	NATIVITY OF PARENTS											MIXED PARENTAGE		
		Males	Females	White	Black	Chinese	Japanese			U. S.	Gt. Britain	Ireland	Germany	France	Italy	Scandinavia	China	Japan	Others (Straight Foreign)	Unascertained	Anglo-Saxon	United States Foreign	Others (Mixed Foreign)
1913																							
July	641	330	311	602	3	14	22	3	0	280	13	28	11	8	86	16	6	22	57	5	29	62	18
August	733	372	361	695	3	15	20	10	0	307	16	27	9	8	110	26	4	19	51	7	37	86	26
September	623	327	296	591	2	10	20	5	0	269	12	26	14	7	86	12	2	19	40	4	21	89	22
October	694	360	334	667	3	10	14	4	0	311	13	27	11	10	113	11	2	14	52	3	18	88	21
November	625	335	290	598	1	17	9	7	0	254	19	17	14	8	91	20	6	9	50	6	31	81	19
December	641	333	308	592	1	18	30	9	0	275	17	33	12	13	67	12	8	30	45	6	28	67	28
1914																							
January	605	318	287	579	1	14	11	3	0	251	9	25	7	9	95	13	5	12	51	10	22	64	32
February	585	300	285	539	3	18	25	8	0	241	8	22	13	10	66	27	6	25	49	9	25	63	21
March	662	331	331	625	0	11	26	7	0	280	15	30	8	8	78	21	3	26	61	4	28	79	21
April	668	343	325	628	2	23	15	7	0	291	20	22	8	13	76	15	9	15	53	8	27	88	23
May	616	314	302	571	1	22	22	3	0	265	11	20	13	5	80	13	7	21	61	9	15	70	26
June	635	322	313	599	2	11	23	5	0	286	11	23	13	8	81	19	2	23	45	7	23	79	15
Totals	7728	3985	3743	7286	22	183	237	71	0	3310	164	300	133	107	1029	205	60	235	615	78	304	916	272

STILL BIRTHS.

	Total	Male	Female
1913—July	35	16	19
August	22	17	5
September	26	12	14
October	32	20	12
November	17	12	5
December	29	18	11
1914—January	27	14	13
February	18	12	6
March	28	20	8
April	31	20	11
May	48	31	17
June	25	14	11
Total	338	206	132

TABLE NO. 1.

CLASSIFIED LIST OF CAUSES OF DEATHS ARRANGED ACCORDING TO MONTHS.

During the Fiscal Year Ending June 30, 1914.

Causes of Death (International Classification)	Grand Totals...	Males	Females	1913												1914											
				July		Aug.		Sept.		Oct.		Nov.		Dec.		Jan.		Feb.		Mar.		Apr.		May		June	
				M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
DEATHS FROM ALL CAUSES.	6,857	4,288	2,569	335	189	303	196	316	203	386	238	331	198	400	232	571	240	378	209	414	226	364	242	343	199	347	197
I. General Diseases	2,049	1,297	752	105	63	80	45	86	59	105	55	110	59	113	70	105	63	120	72	119	60	120	87	117	56	117	63
II. Diseases of Nervous System	441	260	181	19	15	22	20	23	21	29	23	29	12	16	16	18	14	20	7	22	15	21	17	19	9	22	12
III. Diseases of Circulatory System	1,312	805	507	58	34	58	27	57	36	73	51	49	32	89	55	68	52	73	41	76	42	70	48	71	40	63	49
IV. Diseases of Respiratory System	728	461	267	24	12	20	18	33	12	39	28	32	20	58	28	47	36	40	23	68	30	35	25	34	22	31	13
V. Diseases of the Digestive System	543	330	213	33	18	34	21	35	15	36	29	29	27	26	11	22	18	24	15	26	13	19	12	20	16	26	18
VI. Diseases of Genito-Urinary System	679	395	284	39	18	29	36	25	26	31	20	28	20	27	31	41	22	31	20	40	26	37	24	37	22	30	19
VII. The Puerperal State	63	.....	63	....	6	....	5	....	6	....	8	....	4	....	2	....	5	....	5	....	6	....	8	....	3	....	5
VIII. Diseases of the Skin	17	12	5	3	1	1	1	....	....	2	....	2	....	....	....	1	1	2	....	1	....	....	1	....	1	....	....
IX. Diseases of the Bones	15	11	4	....	....	....	....	....	....	1	....	3	....	....	....	1	....	2	1	1	....	1	1	....	1	2	1
X. Malformations	54	32	22	5	4	3	1	....	2	6	2	5	1	3	..	2	5	2	2	4	2	1	....	....	2	1	....
XI. Diseases of Early Infancy	233	127	106	11	8	11	9	15	12	6	7	12	7	7	5	18	10	10	7	9	14	12	10	9	9	7	8
XII. Old Age	54	19	35	3	3	1	4	2	3	1	1	2	3	2	4	2	1	1	5	1	5	3	2	....	3	1	1
XIII. Affections Produced by External Causes	657	534	128	34	7	43	6	38	10	57	14	29	13	59	10	46	13	53	10	47	11	45	7	36	15	47	7
XIV. Ill-Defined Diseases	12	5	7	1	....	1	3	2	1	....	....	1	....	....	....	....	....	....	....	....	2	....	....	....	....	....	1
I. General Diseases.																											
1. Typhoid fever	75	59	16	9	1	4	1	5	2	5	....	7	2	4	2	3	....	4	2	5	1	4	4	6	1	3	....
2. Typhus fever	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
3. Relapsing fever	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
4. Malaria	5	3	2	....	....	....	1	....	....	....	....	1	....	1	....	....	....	....	....	....	1	....	....	1	....	....	....
5. Smallpox	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
6. Measles	18	11	7	....	1	....	1	....	....	....	1	....	....	....	....	....	1	....	....	2	....	3	3	4	....	2	....
7. Scarlet fever	5	2	3	....	....	....	....	1	1	....	....	1	1	....	....	....	1	....	....	....	....	....	....	....	....	....	....
8. Whooping cough	52	22	30	....	....	1	1	1	1	1	....	2	1	2	1	1	3	3	7	3	5	6	6	2	1	....	4
9. Diphtheria	42	22	20	1	....	....	....	....	2	1	3	3	1	1	1	2	3	3	3	....	2	2	....	6	3	3	2
10. Influenza	6	1	5	....	1	....	....	....	....	....	....	....	....	....	1	1	1	....	....	....	....	....	2	....	....	....	....	....

11. Miliary fever																														
12. Asiatic cholera																														
13. Cholera nostras	1	1											1																	
14. Dysentery	4	3	1	2								1																	1	
15. Plague																														
16. Yellow fever																														
17. Leprosy	1	1																									1			
18. Erysipelas (idiopathic)	14	12	2		1								1		2		4		2			1					2		1	
Following pin puncture	1	1									1																			
19. Other epidemic diseases																														
20. Purulent infection and septicæmia																														
Following infection face	2	2											1														1			
Following infection arm	3	2	1														1				2									
Following injury to hand	3	3													1						1						1			
Following injury to foot	2	1	1										1		1															
Following infection maxilla	1	1															1													
Following infection ulcerated tooth	1	1															1													
Following infection scalp	1		1																		1									
Following streptococcic infection throat	1	1				1																								
Cryptogenic	1		1		1																									
Pyemia—infection frontal sinus	1	1																	1											
Staphylococcic infection	2	2		1									1																	
Cause unknown	1		1																			1								
21. Glanders	1	1											1																	
22. Anthrax																														
23. Rabies																														
24. Tetanus (Trismus Neonatorum)	1	1											1																	
Following crushing of leg	1	1																			1									
Following injury to thumb	1	1					1																							
25. Mycoses																														
26. Pellagra	4	3	1			1							1																1	
27. Beriberi	1	1							1						1															
28. Tuberculosis of the lungs	781	595	186	41	12	33	9	43	14	48	13	49	15	47	19	52	16	58	18	59	11	51	21	53	15	55	20			
29. Acute miliary tuberculosis																														
30. Tuberculous meningitis	91	49	42	5	6	2	2	2	5	4	3	6	2	4	6	3	1	2	4	2	2	3	7	9	1	7	3			
31. Abdominal tuberculosis (intestinal)	18	9	9	1	1		3		1	2	2			2	1	1				2						1	1			
Peritoneal	24	14	10		2			2			2		1	2	1	3	2	2		1		1			2	3				
32. Pott's disease—																														
(Tuberculosis of spine)	13	7	6	1					1	1	2	1				1		2				1	1		1		1			
—Psoas abscess (sept. foll.)	1	1		1																										
33. White swellings—																														
Tuberculosis hip-joint	3	1	2		1															1							1			
34. Tuberculosis of other organs—																														
Cervical lymph-glands	3	3				2				1																				
Cervical lymph-glands (Operative shock)	2	1	1				1															1								

TABLE NO. 1—Continued.

CLASSIFIED LIST OF CAUSES OF DEATHS ARRANGED ACCORDING TO MONTHS.

During the Fiscal Year Ending June 30, 1914.

Causes of Death (International Classification)	Grand Totals	Males	Females	1913												1914											
				July		Aug.		Sept.		Oct.		Nov.		Dec.		Jan.		Feb.		Mar.		Apr.		May		June	
				M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
Kidneys	3	2	1				1														1		1			
35. Disseminated tuberculosis	6	2	4		1				1		1												1		1	1
36. Rickets	2	1	1						1										1							
37. Syphilis (congenital)	18	8	10	2	2	1	1	1	1	1		1		1						3	1		1	1		1
Syphilis (acquired)	27	21	6			1		1		1	1	2		4		3		1		1	2	4	1	1	2	2	
38. Gonococcus infection (septicemia foll.)	2	1	1											1			1									
39. Cancer of the buccal cavity																											
Lip	3	3																	1		1				1	
Maxilla	6	5	1							2		1					1				1					1
Mouth	5	4	1	1				1									1				1					
Tongue	10	9	1	1		1		2						1			2		1				1		1	
Tonsil	1	1		1																						
40. Cancer of the stomach and liver—																											
Stomach	173	113	60	8	5	9	4	6	5	8	4	8	10	15	5	6	3	10	5	16	3	11	5	11	5	5	6
Stomach (operative shock)	3	2	1	1	1											1											
Sarcoma of stomach	5	5																			3				2		
Liver (cancer of)	53	27	26	2	1					4	5	2	2	2	4	3	2	3	3	6		2	6	1	2		1	2
Sarcoma of liver	4		4		1		1			1				1													
41. Cancer of the peritonæum, intestines rectum—																											
Intestines	40	16	24	1		1	1			1	2	1	3	3	4		2	2	2		2	3	4	1	2	3	2
Intestines (operative shock)	2	1	1									1			1												
Sarcoma of intestines	1	1																								1	
Rectum (cancer of)	28	15	13	2		1	2	1	2		2	1		1			1	2		1	1	2	1		1	4	3
Rectum (operative shock)	3	2	1				1	1												1							
42. Cancer of the female genital organs																											
Uterus	63		63		10		6		4		4		2		4		6		4		6		9		7		1
Uterus (operative shock)	4		4												1								1				2
Ovary	2		2						1						1												
Sarcoma of ovary	1		1																				1				

Sarcoma of ovary (operative shock)	1		1																		1					
Vagina (cancer of)	1		1										1			1										
Vagina (operative shock)	1		1					1					1													
Sarcoma of vagina	1		1											1												
43. Cancer of the breast	47		47		3		2		1		5		2		4		4		6		6		7		4		3
Sarcoma of breast	1		1																		1					
44. Cancer of the skin—																										
Of face	14	10	4			1				4		1						1		2	1	1	1			2
Of face (operative shock)	2	2			1			1																		
45. Cancer of other or unspecified organs																										
Bladder (urinary)	15	8	7		1	1				2		1		1	1			2	1		1		1		2	1	
Kidney	3	3				2											1									
Brain	1	1		1																						
Larynx	8	8		1								2		1		1							1		2	
Pharynx	5	3	2	1			1			2																1
Lung	2		2				1																1			
Mediastinum	5	5						3						1		1										
Thorax	1		1		1																					
Neck	13	10	3	2		3		1				1	1		1				1	1			1		1	
Penis	2	2																1							1	
Prostate	4	4		1												2					1					
Testicle	1	1																		1						
Sarcoma of bladder (urinary)	2	2												1											1	
Kidney	2	1	1										1										1			
Eye	3		3		1																1					1
Brain	2	2		1														1								
Elbow	1	1				1																				
Hip	2	1	1													1									1	
Ilium	1		1												1											
Knee	1	1		1																						
Leg	2	1	1										1	1												
Inguinal glands	1	1		1																						
Lung	1	1																					1			
Mediastinum	5	4	1		1	1						1									1		1			
Neck	3	1	2	1											1										1	
Shoulder	1	1																1								
Shoulder (operative shock)	1	1																			1					
Testicle	2	2				1												1								
46. Other tumors (except of female genital organs) Mediastinum	1	1						1																		
Spine	1	1																		1						
47. Acute articular rheumatism	12	9	3	1		1					2			2		1		2		2					1	
48. Chronic rheumatism and gout	15	5	10					1		1		1		1	3	1	3				1				1	1
49. Scurvy	2	1	1				1													1						
50. Diabetes	83	33	50	1	4	5	1	3	5	2	3	4	7	4	2	3	6	2	7	5	3	2	5	2	4	3

TABLE NO. 1—Continued.

CLASSIFIED LIST OF CAUSES OF DEATHS ARRANGED ACCORDING TO MONTHS.

During the Fiscal Year Ending June 30, 1914.

Causes of Death (International Classification)	Grand Totals	Males	Females	1913												1914											
				July		Aug.		Sept.		Oct.		Nov.		Dec.		Jan.		Feb.		Mar.		Apr.		May		June	
				M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
51. Exophthalmic goitre	2		2									1						1									
52. Addison's disease	2	1	1													1						1					
53. Leukæmia	5	2	3	1	1			1	1																		1
54. Anæmia, chlorosis	25	15	10		1	2	1			1	1	1	2	2	1	3		2	2	2	1		1	2			
55. Other general diseases (Purpura Hæmorrhagica)	5	3	2					1	2									1		1							
56. Alcoholism	80	65	15	6	2	5	1	6	2	7		5	1	2	3	7	2	7	2	3	1	4		2	1	11	
57. Chronic lead poisoning	5	5		1						3																1	
58. Other chronic occupation poisonings																											
59. Other chronic poisonings																											
II. Diseases of the Nervous System.																											
60. Encephalitis	1	1																1									
61. Abscess of Brain	5	4	1							1		1										2					1
(1) Simple meningitis (cerebral)	18	11	7					2		2	1		1	1	1	1	1		1			1			1	4	1
Simple meningitis (spinal)	1		1																								1
(2) Cerebrospinal meningitis	21	11	10		2	1	1		1		2	2			2		1	2		1	1	3				2	
(3) Cerebrospinal fever (epidemic)	15	10	5		1	1	2	1		1	1	3						1	1	2		1					
62. Locomotor ataxia	15	11	4					1	1	3		2				1		1		2	1		1	1	1		
63. Other diseases of the spinal cord—																											
Paralysis Agitans	6	4	2				2	1		1						1							1				
Bulbar paralysis	5	2	3		1		1						1			1						1					
Acute ascending paralysis	1	1										1															
Hematomyelia	1		1				1																				
Progressive muscular atrophy	1	1						1																			
Myelitis, transverse	7	4	3	1				1		2													1	1		1	
Sclerosis-lateral	1	1		1																							
64. Cerebral hæmorrhage, apoplexy	247	144	103	11	6	15	9	11	13	14	14	16	10	12	7	9	7	12	4	15	7	7	13	10	6	12	7
65. Softening of the brain	10	6	4		1	1	1		1	2			1			1							1	1			

66. Paralysis without specified cause	8	4	4	2	1	1											2		1			1								
Hemiplegia	6	2	4				1		1							1		1								1		1		
67. General paralysis of the insane (Paresis)	13	9	4		1					3	1	1				1	1		1			1				2		1		
68. Other forms of mental alienation (Acute Mania)	3	3		1				1																		1				
69. Epilepsy	10	4	6						2	1	1					2	1		1			1	1							
70. Convulsions (nonpuerperal)																														
71. Convulsions of infants	8	6	2	1		1		2			1				1		1					1								
72 Chorea																														
73. Neuralgia and neuritis (multiple neuritis)	6	3	3			1	1	1				1						1					1							
74. Other diseases of the nervous system Tumor of brain	23	14	9	2	1			1	2	1		1				2	1	1			2	1	4			1		1	2	
75. Diseases of the eyes and their annexa																														
76. Diseases of the ears— Otitis media	9	4	5		1	1	1					1		1				1			2					1				
III. Diseases of the Circulatory System																														
77. Pericarditis	22	15	7	1		1		2		1	1	1	1	3	2			1	1			1	1	2		2	1			
78. Acute endocarditis	38	17	21	2	3	2	1	1	1		1			1	4	1	1	2	1	4	2		3	2	1	2	3			
79. Organic diseases of the heart—																														
(1) Valvular disease	355	200	155	20	16	20	10	13	23	14	14	10	25	17	14	11	22	19	11	9	17	15	13	10	11	11				
(2) Endocarditis, chronic	117	75	42	3	2	4	2	6	3	5	6	4	4	11	3	6	3	6	3	11	5	4	6	10	2	5	3			
(3) Fatty heart	18	9	9	1			1	2	2	1					1	1	1		1			3	2	1			1			
(4) Myocarditis, chronic	405	245	160	17	9	22	12	21	10	26	21	18	9	29	20	18	18	19	6	24	14	23	9	15	19	13	13			
80. Angina pectoris	35	23	12	1		1		1	4	3	2	2	3	1		3		4	1	4	2			2		1				
81. Diseases of arteries, atheroma aneurysm, etc.—																														
Aneurism of aorta	23	21	2	1						1		1		2	1	2	1	1		2		1		5		5				
Arterio-sclerosis	269	185	84	9	4	8		12	2	13	4	8	3	16	4	23	17	18	9	20	9	19	11	18	7	21	14			
82. Embolism and thrombosis	27	13	14	2			1	2	1		2	1	1	1	3						1	1	1	3	1	3	3			
83. Diseases of veins (phlebitis)	2	1	1										1									1								
84. Diseases of lymphatic system (lymphangitis, etc.)																														
85. Hæmorrhage; other diseases of circulatory system (Adams-Stokes disease)	1	1		1																										
IV. Diseases of the Respiratory System																														
86. Diseases of the nasal fossæ																														
87. Diseases of the larynx (Laryngitis)	2	1	1												1											1				
Edema of glottis	4	4																		2		2								
88. Diseases of the thyreoid body (Hyperthyreoidism)	2	1	1				1																			1				

TABLE NO. 1—Continued.

CLASSIFIED LIST OF CAUSES OF DEATHS ARRANGED ACCORDING TO MONTHS.

During the Fiscal Year Ending June 30, 1914.

Causes of Death (International Classification)	Grand Totals	Males	Females	1913												1914											
				July		Aug.		Sept.		Oct.		Nov.		Dec.		Jan.		Feb.		Mar.		Apr.		May		June	
				M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
89. Acute bronchitis	51	27	24	2	....	....	1	2	1	3	2	1	2	2	1	3	4	3	3	5	5	1	1	3	1	2	3
90. Chronic bronchitis	38	23	15	2	1	1	....	2	1	3	4	1	2	2	1	2	....	2	1	4	2	2	1	2	1	....	1
91. Bronchopneumonia	271	164	107	10	3	6	6	6	2	13	13	13	8	20	13	20	14	16	11	26	15	13	10	10	12	11	....
92. Lobar pneumonia	304	204	100	7	6	12	7	17	7	15	7	15	8	31	11	21	14	18	7	25	8	15	13	15	6	13	6
93. Pleurisy	35	23	12	3	1	1	1	6	1	2	1	2	....	1	1	....	3	1	1	2	....	2	....	1	1	2	2
94. Pulmonary congestion (hypostatic pneumonia)	10	6	4	....	1	....	....	....	....	....	1	....	....	2	....	....	1	....	....	1	....	....	....	2	1	1	....
95. Gangrene of the lung	3	3	....	....	....	....	....	....	....	1	....	....	....	....	....	1	....	....	....	....	....	....	....	1	....	....	....
96. Asthma	2	....	2	....	....	....	2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
97. Pulmonary emphysema	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
98. Other diseases of the respiratory system (tuberculosis excepted)—																											
Abscess of lung (non-tuberculous)	5	4	1	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	3	....	....	....	....	....	....	1
Chronic inflammation lung	1	1	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
V. Diseases of the Digestive System.																											
99. Diseases of the mouth and annexa (Thrush)	1	1	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Ulcer of lip	1	1	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
100. Diseases of the pharynx (pharyngitis)	1	....	1	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....
Tonsillitis	5	1	4	....	1	1	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2
101 Diseases of the œsophagus (perforation foreign body)	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....
102. Ulcer of the stomach	36	25	11	1	1	4	2	3	....	2	....	1	1	2	....	2	1	....	3	2	....	1	....	4	2	3	1
(Operative shock)	2	1	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....
103. Other diseases of stomach (cancer excepted) (gastritis)	22	8	14	....	1	....	....	....	....	1	....	1	3	1	2	....	1	....	1	3	3	....	2	....	....	2	1
Cirrhosis of	1	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....

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TABLE NO. 1—Continued.

CLASSIFIED LIST OF CAUSES OF DEATHS ARRANGED ACCORDING TO MONTHS.

During the Fiscal Year Ending June 30, 1914.

Causes of Death (International Classification)	Grand Totals	Males	Females	1913												1914											
				July		Aug.		Sept.		Oct.		Nov.		Dec.		Jan.		Feb.		Mar.		Apr.		May		June	
				M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
115. Other diseases of the liver—																											
Abscess of	9	5	4										1	1		1	2	2	1						1	
Cholangitis	4	1	3		1																1	1	1			
Cholecystitis	5	3	2										2	2											1	
Congestion of	1	1						1																		
116. Diseases of the spleen (abscess of)	1	1																							1	
117. Simple peritonitis (non-puerperal)	3	1	2						1				1												1	
118. Other diseases of digestive system (excepting cancer, tuberculosis)																										
Pancreatitis	9	6	3	1			2			2				1						1		1	1			
Pancreatic cyst	1	1																	1							
Sub-phrenic abscess	1		1															1								
VI. Diseases of the Genito-Urinary System																										
119. Acute nephritis	59	41	18	4	2	4	3	3		3	3	1	2	5		4	2	5		2	1	3	2	1	2	6	1
120. Bright's disease	526	313	213	32	12	20	25	19	19	27	12	24	13	18	25	32	19	22	17	36	23	29	20	32	15	22	13
121. Chyluria																											
122. Other diseases of the kidneys and Adnexa—																											
Abscess of	2	1	1			1								1													
Tumor of	5	2	3										1					1				1			1		1
(Operative shock)	2	2								1										1							
Pyeloneprithis	10	7	3	1							1		1	1		2		2						1	1		
123. Calculi of the urinary passages	2	2																		1				1			
124. Diseases of the bladder																											
Cystitis, chronic	13	11	2	2	1	1	1					2		1		1						1		1		2	
125. Diseases of the urethra (stricture of)	2	2				1																1					
126. Diseases of the prostate (abscess of)	2	2												1										1			
Hypertrophy of	10	10				2		3						1		1		1				2					
(Operative shock)	1	1										1															

127. Nonvenereal diseases of male genital organs																								
Septicemia foll. circumcision	1	1													1									
128. Uterine hæmorrhage (nonpuerperal)																								
129. Uterine tumor (noncancerous)—																								
Fibro-myoma of	11		11		1		4		3				1										1	1
(Operative shock)	8		8						1				1		3				1		1			1
(Operative sepsis)	1		1																				1	
130. Other diseases of the uterus (Pelvic Abscess)	2		2																1			1		
(Operative shock)	1		1				1																	
(Operative sepsis)	1		1		1																			
Septicemia foll. Fixation Uterus	1		1							1														
131. Cysts and other tumors of the ovary	3		3		1							1		1										
(Operative shock)	4		4				1														1		1	1
(Operative sepsis)	1		1				1																	
132. Salpingitis and other diseases of female genital organs (Salpingitis)	9		9						1		3			1		1			1				1	1
(Operative shock)	1		1						1															
(Operative sepsis)	1		1						1															
133. Nonpuerperal diseases of the breast (cancer excepted)—																								
VII. The Puerperal State.																								
134. Accidents of pregnancy—																								
Abortion (self-induced)	4		4									1									1			2
Abortion (criminal)	6		6						1		1								1		1		2	
Extrauterine pregnancy	4		4						1							2								1
Miscarriage	2		2								1												1	
Vomiting of pregnancy	1		1						1															
135. Puerperal hæmorrhage	2		2													1							1	
136. Other accidents of labor—																								
Cesarian section	1		1		1																			
Rupture of uterus	1		1								1													
137. Puerperal septicæmia	12		12		2		1		1					1		1			1		3		2	
138. Puerperal albuminuria and convulsions	28		28		3		3		2		5		3		1		1		2		1		2	3	2
139. Puerperal phlegmasia alba dolens	2		2				1												1					
140. Following childbirth (not otherwise specified)																								
141. Puerperal diseases of the breast																								
VIII. Diseases of the Skin.																								
142. Gangrene (Stomatitis)	1	1		1																				
Of leg	5	4	1				1				2						1		1					
Of scrotum	1	1							1															
From ingrowing toe nail	1	1		1																				

TABLE NO. 1—Continued.

CLASSIFIED LIST OF CAUSES OF DEATHS ARRANGED ACCORDING TO MONTHS.

During the Fiscal Year Ending June 30, 1914.

Causes of Death (International Classification)	Grand Totals	Males	Females	1913												1914											
				July		Aug.		Sept.		Oct.		Nov.		Dec.		Jan.		Feb.		Mar.		Apr.		May		June	
				M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
143. Furuncle—																											
Septicemia foll. carbuncle	1	1																1									
144. Acute abscess (of neck)	1	1								1																	
Multiple abscess (septicemia foll.)	1	1		1																							
145. Other diseases of the skin and annexa (Eczema, septic, foll.)	1	1														1											
Herpes zoster	1	1				1																					
Impetigo contagiosa	2		2		1																	1					
Ulcer of leg	1		1														1										
Pemphigus	1		1																				1				
IX. Diseases of the Bones.																											
146. Diseases of the bones (tuberculosis excepted)—																											
Mastoiditis (septicemia foll.)	6	3	3									1				1		1				1		1			1
Necrosis maxilla	1	1								1																	
Osteomyelitis, multiple	5	5										1						2		1				1			
(Operative sepsis)	1		1																			1					
(Septicemia foll.)	2	2										1												1			
147. Diseases of the joints (excepting tuberculosis and rheumatism)																											
148. Amputations																											
149. Other diseases of the organs of locomotion																											
X. Malformations.																											
150. (1) Hydrocephalus	5	1	4	1	1						2						1										
(2) Congenital malformation of heart	31	23	8	2	2	3			1	6		4		2		2	2		1	3	2				1		

(3) Other congenital malformations—																									
Of brain	2	2		1															1						
Of intestines	8	2	6	1	1		1		1					1					1				2		
Pyloric stenosis	3	3									1						2								
Spina bifida	5	1	4									1				2		1			1				
XI. Diseases of Early Infancy.																									
151. (1) Premature birth	135	77	58	2	3	6	5	9	7	2	3	7	3	6	3	15	7	8	4	5	6	8	5	4	6	5	6
(2) Congenital debility, "atrophy," "marasmus," etc	29	14	15	3	1	3	1	3	2	1	2	2	4		1	1			1	1	2		1				
Atelectasis	26	12	14	3	4	1	1		1		2	1					1	1	2		1	3	1	2	1	1	
Icterus neonatorum	4	2	2				1													1		1			1		
152. Other diseases peculiar to early infancy (asphyxia neonatorum)	9	4	5						1			1									2			2	1	1	1
Melena neonatorum	1		1																				1				
Application Forceps	11	5	6			1	1	1	1	2					1	1	1						1				1
Cesarian section	1	1																		1							
Difficult labor	5	5		2				2				1															
Placenta previa	1	1							1																		
Suffocation under bed clothes	3	2	1	1											1						1						
153. Lack of care (exposure)	8	4	4											1			1	1		1	2		1	1			
XII. Old Age.																									
154. Senility	54	19	35	3	3	1	4	2	3	1	1	2	3	2	4	2	1	1	5	1	5	3	2		3	1	1
XIII. Affections Produced by External Causes.																											
155. Suicide by poison—																											
Arsenic	1	1																1									
Bi-chloride mercury	11	6	5		1				1				1	1		1	1	1	1	1		1		1			
Carbolic acid	5	5				2		1										1						1			
Chloroform	3	2	1					1		1							1										
Cyanide potassium	9	8	1					1						1		1					1	3		2			
Iodine	1		1				1																				
Lysol	3	1	2						1												1			1			
Morphine	1		1																						1		
Opium	1	1																		1							
Strychnine	4	4		1						1								1		1							
156. Suicide by asphyxia (illuminating gas)	63	49	14	5	1	2		4	1	5	4	1		4	2	4		5		6	2	2		3	2	8	2
157 Suicide by hanging or strangulation	9	9				2						1		1		1		1		1		1				1	
158. Suicide by drowning	7	4	3					1							1	1		1								1	2

TABLE NO. 1—Continued.

CLASSIFIED LIST OF CAUSES OF DEATHS ARRANGED ACCORDING TO MONTHS.

During the Fiscal Year Ending June 30, 1914.

Causes of Death (International Classification)	Grand Totals	Males	Females	1913												1914											
				July		Aug.		Sept.		Oct.		Nov.		Dec.		Jan.		Feb.		Mar.		Apr.		May		June	
				M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
159. Suicide by firearms	91	84	7	9	....	5	....	4	....	15	1	3	....	10	1	7	3	7	....	6	....	8	....	5	2	5	....
160. Suicide by cutting or piercing instruments	17	16	1	1	....	2	....	2	....	1	....	1	1	1	....	....	....	....	....	2	....	3	....	....	....	3	....
161. Suicide by jumping from a high place (window)	3	2	1	....	....	....	1	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	1	....
162. Suicide by crushing (under electric car)	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....
(Under railroad train)	1	1	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....
163. Other suicides (voluntary starvation)	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
164. Poisoning by food—																											
Ptomaine (from clam soup)	1	1	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
From corned beef	1	1	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
From cranberries	1	....	1	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....
Unqualified	2	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	1	....	....	....	....	....	....	....
165. Other acute poisonings—																											
Bi-chloride mercury (acid, self-administered)	3	2	1	....	....	1	....	....	....	....	1	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....
Carbolic acid (self-administered)	1	1	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Cocaine (self-administered)	1	1	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Chloral (self-administered)	1	1	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Cyanide potassium (self-admin.)	2	2	....	....	....	1	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Lysol (self-administered)	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....
Strychnine (self-administered)	1	....	1	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....
Strychnine (unknown source)	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....
166. Conflagration	3	2	1	....	....	....	....	....	....	....	....	....	....	....	....	....	1	1	....	....	....	....	....	....	....	1	....
167. Burns—																											
Ignition clothing from cigarette	1	....	1	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Ignition clothing from gasoline	2	2	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....
Ignition clothing from gas-stove	2	....	2	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....
Explosion kerosene lamp	1	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....

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TABLE NO. 1—Continued.

CLASSIFIED LIST OF CAUSES OF DEATHS ARRANGED ACCORDING TO MONTHS.

During the Fiscal Year Ending June 30, 1914.

Causes of Death (International Classification)	Grand Totals	Males	Females	1913												1914											
				July		Aug.		Sept.		Oct.		Nov.		Dec.		Jan.		Feb.		Mar.		Apr.		May		June	
				M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
174. Traumatism by machines																											
Crushed in concrete mixer	1	1								1																	
Crushed by crank shaft	1	1						1																			
Crushed in fly-wheel	1	1																								1	
Crushed in tube expander	1	1				1																					
175[1]. Railroad accidents and injuries—																											
Run over by train	6	6				2						1		1				1						1			
Struck by locomotive	5	5		2				2		1																	
Crushed between cars	3	3								1		1										1					
175[2]. Street car accidents and injuries—																											
Fall from electric car	2	1	1																	1		1					
Run over by electric car	8	6	2			1												1	1					3		1	1
Struck by electric car	11	8	3							1		1		3		2		1		1		1				1	
Crushed between electric cars	1	1																				1					
Collision bet. electric car and train	1	1								1																	
Fall from cable car	1	1																						1			
Run over by cable car	2	1	1			1						1															
Struck by cable car	1		1																								1
175[3]. Automobile accidents and injuries—																											
Crushed by overturning auto	1	1								1																	
In collision between autos	1	1				1																					
Run over by auto	6	4	2							2			2			1										1	
Struck by auto	18	13	5			1			3	2		1		4	1	2				1	1	1				1	
Collision bet. auto and motorcycle	2	2			1	1																					
Collision bet. auto and train	1		1					1																			
175[4]. Injuries by other vehicles—																											
Struck by motorcycle	3	3																1								2	
Collision bet. motorcycle and electric car	2	2										1														1	

	Collision bet. bicycle and wagon	1	1								1																			
	Collision bet. electric car and wagon	2	2														1		1											
	Fall from wagon	1	1														1													
	Run over by wagon	5	5								1											1		2				1		
	Thrown from wagon in runaway	1	1		1																									
175[a].	Landslide—other crushing—																													
	By caving earth	6	6						1								1								4					
	By falling freight chute	1	1								1																			
	By rolling log	1	1																1											
	By falling freight	3	3										1											1		1				
	By falling lumber	3	3										1									1						1		
	By falling truss	1	1																1											
176.	Injuries by animals—																													
	Fall from horse	1	1				1																							
	Kicked by horse	1	1				1																							
177.	Starvation																													
178.	Excessive cold																													
179.	Effects of heat	1	1																									1		
180.	Lightning																													
181.	Electricity (lightning excepted)	2	2										1				1													
182.	Homicide by firearms	39	24	15	1	2	1		7	1	1	2	1		5	1	2	1	2	2		2	3	1		2	1	1		
183.	Homicide by cutting or piercing instruments	6	4	2					1	1	2				1							1								
184.	Homicide by other means (Blows)	9	8	1					1						3		2		1					1			1			
	(In fist fight)	2	2								1								1											
	(Thrown from window)	1	1												1															
185.	Fractures—																													
	Leg (by bale of hay)	1	1														1													
	Skull (dive into river)	1	1																									1		
	Skull (manner unknown)	2	2																				2							
	Spine (dive in swimming tank)	1	1						1																					
186.	Other external violence—																													
	Rupture femoral artery (flying glass)	1	1																									1		
	Rupture intestines (fall on timber)	1	1																									1		
	Traumatic perforation abdomen	1	1				1																							
	XIV. Ill-Defined Diseases.																													
187.	Ill-defined organic disease																													
188.	Sudden death																													
189.	(1) Cause of death ill-defined (Inanition—over 3 months)	10	3	7	1			3	1	1			1									2						1		
	(2) Cause of death not specified or unknown—																													
	Undetermined cause	1	1						1																					
	Decomposed remains	1	1				1																							

TABLE No. II.

REPORTS OF DEATHS REGISTERED DURING

CAUSES OF DEATH (International Classification)	GRAND TOTALS	MALES	FEMALES	By Under 1 Week		1 Wk. to 1 Mo.		1 Mo. to 6 Mos		6 Mos. to 1 Yr.		1 to 2 Yrs.		2 to 3 Yrs.	
				M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
DEATHS FROM ALL CAUSES.	6,857	42,88	2,569	131	93	49	41	130	103	67	69	63	62	39	44
I. General Diseases	2,049	1,297	752	3		9	3	27	15	21	21	21	24	17	24
II. Diseases of Nervous System	441	260	181	3		1	1	2	4	3	2	4	4	5	
III. Diseases of Circulatory System	1,312	805	507		1		1	1	1	2	4			1	
IV. Diseases of Respiratory System	728	461	267	4	5	6	6	32	31	25	26	24	22	10	9
V. Diseases of the Digestive System	543	330	213	2		9	9	42	31	14	12	10	7	2	7
VI. Diseases of Genito-Urinary System	679	395	284			1	1	5	1			1		1	
VII. The Puerperal State	63		63												
VIII. Diseases of the Skin	17	12	5							1			1		
IX. Diseases of the Bones	15	11	4						1			1			
X. Malformations	54	32	22	24	11	3	1	4	4	1	2		3		
XI. Diseases of Early Infancy	233	127	106	93	76	20	19	14	11						
XII. Old Age	54	19	35												
XIII. Affections Produced by External Causes	657	534	123	2				1				1	1	3	3
XIV. Ill-Defined Diseases	12	5	7					2	4		2	1			1
I. General Diseases.															
1. Typhoid fever	75	59	16							1					
2. Typhus fever															
3. Relapsing fever															
4. Malaria	5	3	2												
5. Smallpox															
6. Measles	18	11	7					2		3	1	2	1	1	1
7. Scarlet fever	5	2	3												
8. Whooping cough	52	22	30			3		7	7	5	7	3	7	1	7
9. Diphtheria	42	22	20									2	3	4	3
10. Influenza	6	1	5								1				
11. Miliary fever															
12. Asiatic cholera															
13. Cholera nostras	1	1													
14. Dysentery	4	3	1												
15. Plague															
16. Yellow fever															
17. Leprosy	1	1													
18. Erysipelas (idiopathic)	14	12	2			2		1		1					
Following pin puncture	1	1				1									
19. Other epidemic diseases															
20. Purulent infection and septicæmia															
Following infection face	2	2													
Following infection arm	3	2	1												
Following injury to hand	3	3													
Following injury to foot	2	1	1												
Following infection maxilla	1	1													
Following infection ulcerated tooth	1	1													
Following infection scalp	1		1												
Following streptococcic infection throat	1	1													
Cryptogenic	1		1												
Pyemia—infection frontal sinus	1	1						1							
Staphylococcic infection	2	2													
Cause unknown	1		1												
21. Glanders	1	1													
22. Anthrax															
23. Rabies															
24. Tetanus (Trismus Neonatorum)	1	1		1											
Following crushing of leg	1	1													
Following injury to thumb	1	1													
25. Mycoses															
26. Pellagra	4	3	1												
27. Beriberi	1	1													
28. Tuberculosis of the lungs	781	595	186					2	2	2	3	3	1	2	

TABLE No. II—Continued.

FISCAL YEAR ENDING JUNE 30, 1914

Ages																																			
3 to 4 Yrs.		4 to 5 Yrs.		Total under 5 Yrs.		5 to 10 Yrs.		10 to 20 Yrs		20 to 30 Yrs.		30 to 40 Yrs.		40 to 50 Yrs.		50 to 60 Yrs.		60 to 70 Yrs.		70 to 80 Yrs.		80 to 90 Yrs.		90 to 100 Yrs.		Over 100 Yrs.		Un-ascer-ta'n'd							
M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.						
24	27	21	18	524	457	45	45	94	72	406	221	599	271	716	312	698	315	612	369	417	331	165	155	12	21	....	....	....	....						
13	16	13	8	124	111	18	23	34	36	199	81	242	108	259	118	213	109	132	96	63	58	13	12	....	....	....	....	....	....						
1	2	....	2	19	15	3	8	5	7	13	1	17	10	38	22	50	33	53	31	50	43	9	11	3	....	....	....	....	....						
....	1	....	....	4	8	3	....	8	11	24	19	65	30	113	49	145	75	189	120	170	117	77	60	7	9	....	....	....	....						
3	3	3	3	107	105	8	8	9	5	30	13	56	21	63	17	65	21	65	26	45	29	12	20	1	2	....	....	....	....						
2	2	1	3	82	71	2	2	7	3	29	20	39	20	48	30	66	26	32	22	16	15	9	4	....	....	....	....	....	....						
1	....	....	....	9	2	2	1	2	4	18	23	30	33	82	60	79	44	90	57	52	41	30	18	1	1	....	....	....	....						
....	....	....	....	....	....	....	....	....	5	....	34	....	22	....	2	....	....	....	....	....	....	....	....	....	....	....	....	....	....						
....	1	....	....	1	2	....	....	1	....	....	....	1	1	....	1	1	....	1	....	4	1	3	....	....	....	....	....	....	....						
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4	1	4	1	15	6	9	3	22	1	92	30	149	25	112	13	77	7	46	13	9	15	3	5	....	5	....	....	....	....						
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....	2	....	....	8	5	1	2	1	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....						
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1	2	....	....	20	30	2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....						
2	4	4	2	12	12	7	4	2	2	....	1	....	....	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....						
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....	....	1	1	10	7	....	3	12	14	143	52	153	46	148	32	91	18	28	12	9	2	1	....	....	....	....	....	....	....						

TABLE No. II—Continued.

REPORT OF DEATHS REGISTERED DURING

Causes of Death (International Classification)	Grand Totals	Males	Females	By Under 1 Week		1 Wk. to 1 Mo.		1 Mo. to 6 Mos		6 Mos. to 1 Yr.		1 to 2 Yrs.		2 to 3 Yrs.	
				M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
29. Acute miliary tuberculosis															
30. Tuberculous meningitis	91	49	42					7		7	4	9	8	5	9
31. Abdominal tuberculosis (intestinal)	18	9	9					1	1				1		1
Peritoneal	24	14	10				1	1	1	1	1	1		2	
32. Pott's disease—															
(Tuberculosis of spine)	13	7	6												1
Psoas abscess (sept. foll.)	1	1													
33. White swellings—															
Tuberculosis hip-joint	3	1	2												
34. Tuberculosis of other organs—															
Cervical lymph-glands	3	3													
Cervical lymph-glands (Operative shock)	2	1	1												1
Kidneys	3	2	1												
35. Disseminated tuberculosis	6	2	4												
36. Rickets	2	1	1								1				
37. Syphilis (congenital)	18	8	10	1		2	2	5	4		3		1		
Syphilis (acquired)	27	21	6												
38. Gonococcus infection (septicemia foll.)	2	1	1												
39. Cancer of the buccal cavity															
Lip	3	3													
Maxilla	6	5	1												
Mouth	5	4	1												
Tongue	10	9	1												
Tonsil	1	1													
40. Cancer of the stomach and liver—															
Stomach	173	113	60												
Stomach (operative shock)	3	2	1												
Sarcoma of stomach	5	5													
Liver (cancer of)	53	27	26												
Sarcoma of liver	4		4												
41. Cancer of the peritonæum, intestines, Rectum—															
Intestines	40	16	24												
Intestines (operative shock)	2	1	1												
Sarcoma of intestines	1	1													
Rectum (cancer of)	28	15	13												
Rectum (operative shock)	3	2	1												
42. Cancer of the female genital organs															
Uterus	63		63												
Uterus (operative shock)	4		4												
Ovary	2		2												
Sarcoma of ovary	1		1												
Sarcoma of ovary (operative shock)	1		1												
Vagina (cancer of)	1		1												
Vagina (operative shock)	1		1												
Sarcoma of vagina	1		1												
43. Cancer of the breast	47		47												
Sarcoma of breast	1		1												
44. Cancer of the skin—															
Of face	14	10	4												
Of face (operative shock)	2	2													
45. Cancer of other or unspecified organs															
Bladder (urinary)	15	8	7												
Kidney	3	3													
Brain	1	1													
Larynx	8	8													
Pharynx	5	3	2												
Lung	2		2												
Mediastinum	5	5													
Thorax	1		1												
Neck	13	10	3												
Penis	2	2													

TABLE No. II—Continued.

FISCAL YEAR ENDING JUNE 30, 1914.

Ages

3 to 4 Yrs.		4 to 5 Yrs.		Total under 5 Yrs.		5 to 10 Yrs.		10 to 20 Yrs		20 to 30 Yrs.		30 to 40 Yrs.		40 to 50 Yrs.		50 to 60 Yrs.		60 to 70 Yrs.		70 to 80 Yrs.		80 to 90 Yrs.		90 to 100 Yrs.		Over 100 Yrs.		Unascer-ta'n'd	
M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
5	4	4	2	37	27	3	7	2	4	3	1	3	2		1			1											
				1	3			1		1	1	3	3	3			2												
		1		6	3			1		2	4	2	2	1	1	1				1									
2				2	1	1	1		2	1	2	1				2													
												1																	
									1	1			1																
1				1								1		1															
					1	1				1	1	1																	
	1				1	1	1				2	1																	
1				1	1																								
				8	10																								
									1	2	1	6	1	6	2	5	1	2											
											1	1																	
																		3											
												1		1		1		2	1										
														1		1		1		1	1								
																4	1	1		3		1							
																		1											
											1	5	4	25	13	36	19	32	13	14	8	1	2						
																2			1										
																1		4											
												4	5	6	2	7	4	2	9	7	6	1							
									1		2				1														
												4	1	2	5	3	5	6	6	1	4		3						
														1	1														
												1																	
												2	1		1	2	2	6	5	5	4								
														1		1			1										
												4		10		13		12		14		8		2					
														1		3													
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																1													
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																	1												
												1		5		14		14		7		6							
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												2				1		2		3	1	2		1	2				
																		1		1		1							
															1	3	5	3		1		1		1	1				
																2		1											
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										1				1		2	1												
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														1		2		2											
													1																
												1		3		2		3	1	1		1							
																1				1									

TABLE No. II—Continued.

REPORT OF DEATHS REGISTERED DURING

Causes of Death (International Classification)	Grand Totals	Males	Females	By Under 1 Week		1 Wk. to 1 Mo.		1 Mo. to 6 Mos		6 Mos. to 1 Yr.		1 to 2 Yrs.		2 to 3 Yrs.	
				M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
Prostate	4	4													
Testicle	1	1													
Sarcoma of bladder (urinary)	2	2												1	
Kidney	2	1	1												
Eye	3		3									1			
Brain	2	2													
Elbow	1	1													
Hip	2	1	1												
Ilium	1		1												
Knee	1	1													
Leg	2	1	1												
Inguinal glands	1	1													
Lung	1	1													
Mediastinum	5	4	1												
Neck	3	1	2												
Shoulder	1	1													
Shoulder (operative shock)	1	1													
Testicle	2	2													
46. Other tumors (except of female genital organs) Mediastinum	1	1													
Spine	1	1													
47. Acute articular rheumatism	12	9	3												
48. Chronic rheumatism and gout	15	5	10												
49. Scurvy	2	1	1							1			1		
50. Diabetes	83	33	50												
51. Exophthalmic goitre	2		2												
52. Addison's disease	2	1	1												
53. Leukæmia	5	2	3												
54. Anæmia, chlorosis	25	15	10									1			1
55. Other general diseases (Purpura Hæmorrhagica)	5	3	2	1		1								1	
56. Alcoholism	80	65	15												
57. Chronic lead poisoning	5	5													
58. Other chronic occupation poisonings															
59. Other chronic poisonings															
II. Diseases of the Nervous System.															
60. Encephalitis	1	1						1							
61. Abscess of Brain	5	4	1											1	
(1) Simple meningitis (cerebral)	18	11	7	2				1	1	1	1	1	1	1	
Simple meningitis (spinal)	1		1												
(2) Cerebrospinal meningitis	21	11	10				1		1	1			1	2	
(3) Cerebrospinal fever (epidemic)	15	10	5						1	1			1		
62. Locomotor ataxia	15	11	4												
63. Other diseases of the spinal cord—															
Paralysis Agitans	6	4	2												
Bulbar paralysis	5	2	3												
Acute ascending paralysis	1	1													
Hematomyelia	1		1												
Progressive muscular atrophy	1	1													
Myelitis, transverse	7	4	3												
Sclerosis-lateral	1	1													
64. Cerebral hæmorrhage, apoplexy	247	144	103												
65. Softening of the brain	10	6	4												
66. Paralysis without specified cause	8	4	4												
Hemiplegia	6	2	4												
67. General paralysis of the insane (Paresis)	13	9	4												
68. Other forms of mental alienation (Acute Mania)	3	3													
69. Epilepsy	10	4	6												
70. Convulsions (nonpuerperal)															
71. Convulsions of infants	8	6	2	1		1		1	1		1	3			
72 Chorea															

TABLE No. II—Continued.

FISCAL YEAR ENDING JUNE 30, 1914

Ages

3 to 4 Yrs.		4 to 5 Yrs.		Total under 5 Yrs.		5 to 10 Yrs.		10 to 20 Yrs		20 to 30 Yrs.		30 to 40 Yrs.		40 to 50 Yrs.		50 to 60 Yrs.		60 to 70 Yrs.		70 to 80 Yrs.		80 to 90 Yrs.		90 to 100 Yrs.		Over 100 Yrs.		Unascerta'n'd	
M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
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				1	1		1			1	1	1	2	5	1	1	1	4	2	2	1								
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										5	1	18	7	22	3	14	3	5	1	1									
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														1			1												
										1		1		1						1									
										2		1	2	20	14	35	22	38	25	38	31	8	9	2					
														1	1	1		2		2	3								
										2				1	1				2	1	1								
																		1			3		1	1					
														1		1	1	4	1	2	1	1	1						
										1		1		1															
							2		1	1	1		1		1	2		1											
				6	2																								

TABLE No. II—Continued.

REPORT OF DEATHS REGISTERED DURING

CAUSES OF DEATH (International Classification)	GRAND TOTALS	MALES	FEMALES	By Under 1 Week M.	By Under 1 Week F.	By 1 Wk. to 1 Mo. M.	By 1 Wk. to 1 Mo. F.	By 1 Mo. to 6 Mos M.	By 1 Mo. to 6 Mos F.	By 6 Mos. to 1 Yr. M.	By 6 Mos. to 1 Yr. F.	By 1 to 2 Yrs. M.	By 1 to 2 Yrs. F.	By 2 to 3 Yrs. M.	By 2 to 3 Yrs. F.
73. Neuralgia and neuritis (multiple neuritis)	6	3	3												
74. Other diseases of the nervous system Tumor of brain	23	14	9											1	
75. Diseases of the eyes and their annexa															
76. Diseases of the ears— Otitis media	9	4	5									1			
III. Diseases of the Circulatory System.															
77. Pericarditis	22	15	7							1					
78. Acute endocarditis	38	17	21												
79. Organic diseases of the heart—															
(1) Valvular disease	355	200	155		1		1	1	1	1	4			1	
(2) Endocarditis, chronic	117	75	42												
(3) Fatty heart	18	9	9												
(4) Myocarditis, chronic	405	245	160												
80. Angina pectoris	35	23	12												
81. Diseases of arteries, atheroma, aneurysm, etc.—															
Aneurism of aorta	23	21	2												
Arterio-sclerosis	269	185	84												
82. Embolism and thrombosis	27	13	14												
83. Diseases of veins (phlebitis)	2	2	1												
84. Diseases of lymphatic system (lymphangitis, etc.)															
85. Hæmorrhage; other diseases of circulatory system (Adams-Stokes disease)	1	1													
IV. Diseases of the Respiratory System.															
86. Diseases of the nasal fossæ															
87. Diseases of the larynx (Laryngitis)	2	1	1												
Edema of glottis	4	4				1									
88. Diseases of the thyreoid body (Hyperthyreoidism)	2	1	1												
89. Acute bronchitis	51	27	24	1				4	4	3	2	2	2	1	1
90. Chronic bronchitis	38	23	15												
91. Bronchopneumonia	271	164	107	3	5	4	5	17	18	15	13	15	14	6	3
92. Lobar pneumonia	304	204	100			1	1	11	8	7	9	6	6	3	5
93. Pleurisy	35	23	12						1		2	1			
94. Pulmonary congestion (hypostatic pneumonia)	10	6	4												
95. Gangrene of the lung	3	3													
96. Asthma	2		2												
97. Pulmonary emphysema															
98. Other diseases of the respiratory system (tuberculosis excepted)—															
Abscess of lung (non-tuberculous)	5	4	1												
Chronic inflammation lung	1	1													
V. Diseases of the Digestive System.															
99. Diseases of the mouth and annexa (Thrush)	1	1						1							
Ulcer of lip	1	1													
100. Diseases of the pharynx (pharyngitis)	1		1												1
Tonsillitis	5	1	4									1	1		
101 Diseases of the œsophagus (perforation foreign body)	1	1													
102. Ulcer of the stomach	36	25	11											1	
(Operative shock)	2	1	1												
103. Other diseases of stomach (cancer excepted) (gastritis)	22	8	14			1	2	2	4	1	1		1		

TABLE No. II—Continued.

FISCAL YEAR ENDING JUNE 30, 1914

Ages																																					
3 to 4 Yrs.		4 to 5 Yrs.		Total under 5 Yrs.		5 to 10 Yrs.		10 to 20 Yrs		20 to 30 Yrs.		30 to 40 Yrs.		40 to 50 Yrs.		50 to 60 Yrs.		60 to 70 Yrs.		70 to 80 Yrs.		80 to 90 Yrs.		90 to 100 Yrs.		Over 100 Yrs.		Unascer-ta'n'd									
M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.										
								1				1	1			1					2																
				1			2	1		2		3	3	4	1	1	3	2																		
			1		2		1					2			1	2					1																
				1				1	1	3	2	4	2	4	2	2																					
	1				1			3	6	1	4	7	8	6	1		1																			
				3	7	2		4	2	10	8	16	9	33	18	40	22	55	36	30	34	6	14	1	5											
										4	4	18	3	19	9	16	6	11	8	4	6	3	5		1											
												1		1	1	4	1	1	3	2	3		1													
									1	4		10	5	30	10	50	34	60	48	60	33	27	26	4	3											
												2	2	4	1	4	1	6	4	5	3	2	1													
												4	1	6		8		3	1																	
												2		8	2	19	8	50	19	65	35	39	20	2												
						1			1	2	1			2	5	2	2	3	1	3	2		2														
																				1	1																
												1																									
																		1																			
	1				1							1		1																						
	1	1		12	10	3	1	1						1	1	1		2	4	6	5	1	2		1										
	1				1						1			2	1	2	1	8	4	8	4	2	3	1												
3		2	1	65	59	2	6	3	2	5	4	13	4	20	3	22	5	20	9	11	8	3	6		1											
			2	28	31	2	1	3	3	20	7	34	12	30	8	35	12	32	9	16	11	4	6													
				1	3	1		2		3	1	5	3	5	2	4	2	2					1													
																	1			4	1	2	2													
												2		1																						
															2																						
										1		1	1	1		1																					
														1																						
				1												1																					
					1																															
			1	1	2				1				1																						
															1																					
				1						2	2	6	1	7	2	4	1	4	3	1	2														
															1			1																		
				4	8					1				1	2	1	2	1			2														

TABLE No. II—Continued.

REPORT OF DEATHS REGISTERED DURING

Causes of Death (International Classification)	Grand Totals	Males	Females	By Under 1 Week M.	F.	1 Wk. to 1 Mo. M.	F.	1 Mo. to 6 Mos M.	F.	6 Mos. to 1 Yr. M.	F.	1 to 2 Yrs. M.	F.	2 to 3 Yrs. M.	F.
Cirrhosis of	1		1												
Dilatation of	3		3												
Pyloric stenosis	2	2													
Foreign body in	1	1													
104 Diarrhœa and enteritis (und. 2 yrs.)															
Cholera infantum	3	2	1							1		1	1		
Diarrhœa	9	7	2			1	1	4	1			2			
Enteritis	28	12	16			2	2	10	10		3		1		
Entero-colitis	3	2	1					1	1	1					
Gastro-enteritis	58	36	22	1		4	2	20	12	8	5	3	3		
Ileo-colitis	3	2	1							1	1	1			
105. Diarrhœa and enteritis (2 years and over)															
Diarrhœa	3	2	1												
Enteritis	7	5	2												
Entero-colitis	2		2												
Gastro-enteritis	13	6	7											1	4
Ileo-colitis	2	2													
Duodenal ulcer	6	6													
(Operative shock)	1	1													
106. Ankylostomiasis—															
107. Intestinal parasites—															
Coccidioides Ophüls	2	2													
108. Appendicitis	64	42	22							2					1
(Operative shock)	2		2												
(Operative sepsis)	4	3	1												
109[1] Hernias	15	9	6						1						
(Operative shock)	5	4	1					1							
(Operative sepsis)	1		1												
109[2] Intestinal obstruction	25	12	13			1	1		1			1			
(Operative shock)	3	1	2												
Intussusception	2	1	1					1	1						
(Operative shock)	1		1								1				
Volvulus	7	6	1	1				1							
110. Other diseases of the intestines (abscess ilium)	1	1													
Ischiorectal abscess	2	2													
(Operative shock)	1		1												
Fecal fistula	2	2													
(Operative shock)	1		1												
Perforation of rectum	1		1												1
Septicemia foll. injury	1	1													
111. Acute yellow atrophy of the liver	2	1	1					1							
112. Hydatid tumor of the liver															
113. Cirrhosis of the liver	129	91	38												
114. Biliary calculi	21	8	13												
(Operative shock)	2	1	1												
(Operative sepsis)	1		1												
115. Other diseases of the liver—															
Abscess of	9	5	4												
Cholangitis	4	1	3												
Cholecystitis	5	3	2												
Congestion of	1	1													
116. Diseases of the spleen (abscess of)	1	1													
117. Simple peritonitis (nonpuerperal)	3	1	2					1			1				
118. Other diseases of digestive system (excepting cancer, turberculosis)															
Pancreatitis	9	6	3									1			
Pancreatic cyst	1	1													
Sub-phrenic abscess	1		1												
VI. Diseases of the Genito-Urinary System.															
119. Acute nephritis	59	41	18			1	1	4	1			1		1	
120. Bright's disease	526	313	213												
121. Chyluria															

TABLE No. II—Continued.

FISCAL YEAR ENDING JUNE 30, 1914

Ages

3 to 4 Yrs.		4 to 5 Yrs.		Total under 5 Yrs.		5 to 10 Yrs.		10 to 20 Yrs		20 to 30 Yrs.		30 to 40 Yrs.		40 to 50 Yrs.		50 to 60 Yrs.		60 to 70 Yrs.		70 to 80 Yrs.		80 to 90 Yrs.		90 to 100 Yrs.		Over 100 Yrs.		Unascerta'n'd	
M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
													1																
											1				1		1												
						1										1													
										1																			
				2	1																								
				7	2																								
				12	16																								
				2	1																								
				36	22																								
				2	1																								
																		1											
1	1			1	1									1				2		1	1								
											1								1										
1		1	1	3	5			1						1					1		1	1							
										1				1		3		1				2							
												1																	
										2																			
	1		1	2	3			5	2	10	8	9	1	9	4	4	3	2			1	1							
														1	1	1	1		1										
								1						1	1	1													
					1					2		1		1	1		2	2	1	3			1						
				1										1		1		1			1								
																	1												
				2	2	1				1		1	2	2	1	1	2	2	3	1	2	1	1						
											1		1			1													
				1	1																								
					1																								
				2										3		1	1												
										1																			
														1				1											
										1		1		1															
													1		1														
					1											1													
				1			1																						
							1			4	3	13	7	17	9	36	8	11	8	7	1	3	1						
										1	1	1	1		2	4	3	1	3	1	2		1						
										1			1																
											1																		
										1	2	1		1	1	2			1										
												1	1		2														
															1	1		1		1	1								
																1													
					2													1											
				1								5	1		2														
																				1									
																1													
1				8	2	1		1	1	4	3	5	1	9	6	4	2	5	1	1		3	2						
						1			2	12	10	23	19	69	37	70	36	75	53	44	39	20	15		1				

TABLE No. II—Continued.

REPORT OF DEATHS REGISTERED DURING

Causes of Death (International Classification)	Grand Totals	Males	Females	By Under 1 Week		1 Wk. to 1 Mo.		1 Mo. to 6 Mos		6Mos. to 1 Yr.		1 to 2 Yrs.		2 to 3 Yrs.	
				M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
122. Other diseases of the kidneys and Adnexa—															
Abscess of	2	1	1												
Tumor of	5	2	3												
(Operative shock)	2	2													
Pyeloneprithis	10	7	3												
123. Calculi of the urinary passages	2	2													
124. Diseases of the bladder															
Cystitis, chronic	13	11	2												
125. Diseases of the urethra (stricture of)	2	2													
126. Diseases of the prostate (abscess of)	2	2													
Hypertrophy of	10	10													
(Operative shock)	1	1													
127. Nonvenereal diseases of male genital organs															
Septicemia foll. circumcision	1	1						1							
128. Uterine hæmorrhage (nonpuerperal)															
129. Uterine tumor (noncancerous)—															
Fibro-myoma of	11		11												
(Operative shock)	8		8												
(Operative sepsis	1		1												
130. Other diseases of the uterus (Pelvic Abscess)	2		2												
(Operative shock)	1		1												
(Operative sepsis)	1		1												
Septicemia foll. Fixation Uterus	1		1												
131. Cysts and other tumors of the ovary	3		3												
(Operative shock)	4		4												
(Operative sepsis)	1		1												
132. Salpingitis and other diseases of female genital organs (Salpingitis)	9		9												
(Operative shock)	1		1												
(Operative sepsis)	1		1												
133. Nonpuerperal diseases of the breast (cancer excepted)—															
VII. The Puerperal State.															
134. Accidents of pregnancy—															
Abortion (self-induced)	4		4												
Abortion (criminal)	6		6												
Extrauterine pregnancy	4		4												
Miscarriage	2		2												
Vomiting of pregnancy	1		1												
135. Puerperal hæmorrhage	2		2												
136. Other accidents of labor—															
Cesarian section	1		1												
Rupture of uterus	1		1												
137. Puerperal septicæmia	12		12												
138. Puerperal albuminuria and convulsions	28		28												
139. Puerperal phlegmasia alba dolens	2		2												
140. Following childbirth (not otherwise specified)															
141. Puerperal diseases of the breast															
VIII. Diseases of the Skin.															
142. Gangrene (Stomatitis)	1	1													
Of leg	5	4	1												
Of scrotum	1	1													
From ingrowing toe nail	1	1													
143. Furuncle—															
Septicemia foll. carbuncle	1	1													
144. Acute abscess (of neck)	1	1													
Multiple abscess (septicemia foll.)	1	1													

TABLE No. II—Continued.

FISCAL YEAR ENDING JUNE 30, 1914

Ages																																			
3 to 4 Yrs.		4 to 5 Yrs.		Total under 5 Yrs.		5 to 10 Yrs.		10 to 20 Yrs		20 to 30 Yrs.		30 to 40 Yrs.		40 to 50 Yrs.		50 to 60 Yrs.		60 to 70 Yrs.		70 to 80 Yrs		80 to 90 Yrs.		90 to 100 Yrs.		Over 100 Yrs.		Unascerta'n'd							
M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.						
											1					1																				
										2				1			1				1														
													1	1		1																			
						1		1				1		1	1	2	1	1		1															
													1					1																	
														1		1		3		2	1	3		1											
														1						1															
												1						1																	
																		4		2		4													
																				1															
				1																															
														2		5		2		2															
														2		5		1																	
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												1																							
										5		2		2																					
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												1																							
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										3		2		1																					
										1		1																							
										1		1																							
												2																							
										1				1																					
										8		4																							
								5		17		6																							
										1		1																							
																		1																	
														1						3		1													
																				1															
																						1													
																1																			
								1				1																							

TABLE No. II—Continued.

REPORT OF DEATHS REGISTERED DURING

Causes of Death (International Classification)	Grand Totals	Males	Females	By Under 1 Week M.	F.	1 Wk. to 1 Mo. M.	F.	1 Mo. to 6 Mos M.	F.	6 Mos. to 1 Yr. M.	F.	1 to 2 Yrs. M.	F.	2 to 3 Yrs. M.	F.
145. Other diseases of the skin and annexa (Eczema, septic, foll.)	1	1								1					
Herpes zoster	1	1													
Impetigo contagiosa	2		2										1		
Ulcer of leg	1		1												
Pemphigus	1		1												
IX. Diseases of the Bones.															
146. Diseases of the bones (tuberculosis excepted)—															
Mastoiditis (septicemia foll.)	6	3	3						1			1			
Necrosis maxilla	1	1													
Osteomyelitis, multiple	5	5													
(Operative sepsis)	1		1												
(Septicemia foll.)	2	2													
147. Diseases of the joints (excepting tuberculosis and rheumatism)															
148. Amputations															
149. Other diseases of the organs of locomotion															
X. Malformations.															
150. (1) Hydrocephalus	5	1	4	1						1		2			
(2) Congenital malformation of heart	31	23	8	20	4	2		1	3		1				
(3) Other congenital malformations—															
Of brain	2	2		1		1									
Of intestines	8	2	6	1	4		1			1		1			
Pyloric stenosis	3	3						3							
Spina bifida	5	1	4	1	3				1						
XI. Diseases of Early Infancy.															
151. (1) Premature birth	135	77	58	62	44	10	10	5	4						
(2) Congenital debility, "atrophy," "marasmus," etc.	29	14	15	4	3	4	7	6	5						
Atelectasis	26	12	14	9	11	3	2		1						
Icterus neonatorum	4	2	2	2	2										
152. Other diseases peculiar to early infancy (asphyxia neonatorum)	9	4	5	4	5										
Melena neonatorum	1		1		1										
Application Forceps	11	5	6	3	6	2									
Cesarian section	1	1						1							
Difficult labor	5	5		5											
Placenta previa	1	1		1											
Suffocation under bed clothes	3	2	1			1		1	1						
153. Lack of care (exposure)	8	4	4	3	4			1							
XII. Old Age.															
154. Senility	54	19	35												
XIII. Affections Produced by External Causes.															
155. Suicide by poison—															
Arsenic	1	1													
Bi-chloride mercury	11	6	5												
Carbolic acid	5	5													
Chloroform	3	2	1												
Cyanide potassium	9	8	1												
Iodine	1		1												
Lysol	3	1	2												
Morphine	1		1												

TABLE No. II—Continued.

FISCAL YEAR ENDING JUNE 30, 1914

Ages																															
3 to 4 Yrs.		4 to 5 Yrs.		Total under 5 Yrs.		5 to 10 Yrs.		10 to 20 Yrs		20 to 30 Yrs.		30 to 40 Yrs.		40 to 50 Yrs.		50 to 60 Yrs.		60 to 70 Yrs.		70 to 80 Yrs.		80 to 90 Yrs.		90 to 100 Yrs.		Over 100 Yrs.		Unascerta'n'd	
M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
				1																									
	1				2																	1							
																					1								
													1																
			1	1	2			1					1			1													
																		1												
								3							1		1												
																			1										
								2																					
	1			1	4																								
				23	8																								
				2																									
				2	6																								
				3																									
				1	4																								
				77	58																								
				14	15																								
				12	14																								
				2	2																								
				4	5																								
					1																								
				5	6																								
				1																									
				5																									
				1																									
				2	1																								
				4	4																								
																		2	3	8	12	9	16		4				
										2	3	1	2	2		1													
										1		2		2															
											1	2																	
										1		1	1	1		3		2											
											1																		
											1								1										

TABLE No. II—Continued.

REPORT OF DEATHS REGISTERED DURING

Causes of Death (International Classification)	Grand Totals	Males	Females	By Under 1 Week M.	By Under 1 Week F.	By 1 Wk. to 1 Mo. M.	By 1 Wk. to 1 Mo. F.	By 1 Mo. to 6 Mos M.	By 1 Mo. to 6 Mos F.	By 6Mos. to 1 Yr. M.	By 6Mos. to 1 Yr. F.	By 1 to 2 Yrs. M.	By 1 to 2 Yrs. F.	By 2 to 3 Yrs. M.	By 2 to 3 Yrs. F.
Opium	1	1													
Strychnine	4	4													
156. Suicide by asphyxia (illuminating gas)	63	49	14												
157 Suicide by hanging or strangulation	9	9													
158. Suicide by drowning	7	4	3												
159. Suicide by firearms	91	84	7												
160. Suicide by cutting or piercing instruments	17	16	1												
161. Suicide by jumping from a high place (window)	3	2	1												
162. Suicide by crushing (under electric car)	1	1													
(Under railroad train)	1	1													
163. Other suicides (voluntary starvation)	1	1													
164. Poisoning by food—															
Ptomaine (from clam soup)	1	1													
From corned beef	1	1													
From cranberries	1		1												
Unqualified	2	1	1												
165. Other acute poisonings—															
Bi-chloride mercury (acid, self-administered)	3	2	1											1	
Carbolic acid (self-administered)	1	1													
Cocaine (self-administered)	1	1													
Chloral (self-administered)	1	1													
Cyanide potassium (self-admin.)	2	2													
Lysol (self-administered)	1	1													
Strychnine (self-administered)	1		1												
Strychnine (unknown cause)	1	1													
166. Conflagration	3	2	1												
167. Burns—															
Ignition clothing from cigarette	1		1												
Ignition clothing from gasoline	2	2													
Ignition clothing from gas-stove	2		2												
Explosion kerosene lamp	1		1												
Explosion kerosene stove	1		1												
Accidental ignition bed-clothes	2	1	1												
From open grate	1	1													
Playing with matches	6	4	2												
From boiling water	1	1						1							
From hot water bottle	1	1		1									1	2	
From escaping steam	2	2													
168. Absorption of deleterious gases (conflagration excepted)—															
Illuminating gas (accidental)	53	40	13												
Smoke (from burning hay)	1	1													
Paint fumes in tank	1	1													
Sulphide hydrogen gas in sewer	2	2													
Chloroform anesthesia	3	1	2												
169. Accidental drowning (In bay of S.F.)	39	38	1	1											
Accidental drowning (In pond)	1	1													
Accidental drowning (In reservoir)	2	2													
170. Traumatism by firearms	5	5													
171. Traumatism by cutting or piercing instruments															
172. Traumatism by fall															
Over balustrade	2	2													
From bed	1		1												
From bridge	1		1												
From building	16	15	1												
Over cliff	2	2													
From traveling crane	1	1													

TABLE No. II—Continued.

FISCAL YEAR ENDING JUNE 30, 1914

Ages																																			
3 to 4 Yrs.		4 to 5 Yrs.		Total under 5 Yrs.		5 to 10 Yrs.		10 to 20 Yrs		20 to 30 Yrs.		30 to 40 Yrs.		40 to 50 Yrs.		50 to 60 Yrs.		60 to 70 Yrs.		70 to 80 Yrs.		80 to 90 Yrs.		90 to 100 Yrs.		Over 100 Yrs.		Unascer-ta'n'd	
M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
												1																							
												2		1		1																			
										7	2	19	5	8	5	8	1	4	1	2		1													
										1		3		3		2																			
										1		1	2			1			1	1															
								1		16	3	29	4	15		14		7		2															
										1		3		7		3		2			1														
															1	1		1																	
														1																					
												1		1																					
										1								1																	
		1			1											1			1															
				1						1	1			1																					
												1		1																					
												1		1																					
														1																					
								1			1																								
															1																				
														2																					
											1		1						1																
1	1	1		4	2									1																				
				1																															
				1										2																					
								1		8	1	11	3	6	3	6	2	7	2	1	2														
										1						1																			
												1				1																			
										1	2																								
				1						5	1	12		11		7		1		1															
						1																													
		1		1		1																													
1				1				1		1		1				1																			
												1		1							1														
						1	1																												
						1		1		3		5		3		1		1																	
								1						1																					

TABLE No. II—Continued.

REPORT OF DEATHS REGISTERED DURING

Causes of Death (International Classification)	Grand Totals	Males	Females	By Under 1 Week M.	F.	1 Wk. to 1 Mo. M.	F.	1 Mo. to 6 Mos M.	F.	6 Mos. to 1 Yr. M.	F.	1 to 2 Yrs. M.	F.	2 to 3 Yrs. M.	F.
Into dry dock	1	1													
Down elevator shaft	2	2													
From flag pole	1	1													
On floor	17	2	15												
From ladder	4	4													
From loft	3	3													
On pavement	14	11	3												
From scaffold	4	4													
From breaking scaffold (defective)	3	3													
Into hold of ship	2	2													
Down stairs	10	8	2									1			
Into tank	1	1													
From telegraph pole	1	1													
Into trench	1	1													
From wharf	1	1													
From window	8	8													
172a. Crushed by elevators	7	7													
173. Traumatism in mines and quarries	2	2													
174. Traumatism by machines															
Crushed in concrete mixer	1	1													
Crushed by crank shaft	1	1													
Crushed in fly-wheel	1	1													
Crushed in tube expander	1	1													
175[1]. Railroad accidents and injuries—															
Run over by train	6	6													
Struck by locomotive	5	5													
Crushed between cars	3	3													
175[2]. Street car accidents and injuries—															
Fall from electric car	2	1	1												
Run over by electric car	8	6	2												1
Struck by electric car	11	8	3												
Crushed between electric cars	1	1													
Collision bet. electric car and train	1	1													
Fall from cable car	1	1													
Run over by cable car	2	1	1												1
Struck by cable car	1		1												
175[3]. Automobile accidents and injuries—															
Crushed by overturning auto	1	1													
In collision between autos	1	1													
Run over by auto	6	4	2												
Struck by auto	18	13	5												
Collision bet. auto and motorcycle	2	2													
Collision bet. auto and train	1		1												1
175[4]. Injuries by other vehicles—															
Struck by motorcycle	3	3													
Collision bet. motorcycle and electric car	2	2													
Collision bet. bicycle and wagon	1	1													
Collision bet. electric car and wagon	2	2													
Fall from wagon	1	1													
Run over by wagon	5	5													
Thrown from wagon in runaway	1	1													
175[5]. Landslide—other crushing—															
By caving earth	6	6													
By falling freight chute	1	1													
By rolling log	1	1													
By falling freight	3	3													
By falling lumber	3	3													
By falling truss	1	1													
176. Injuries by animals—															
Fall from horse	1	1													
Kicked by horse	1	1													

TABLE NO. II—Continued.

FISCAL YEAR ENDING JUNE 30, 1914.

Ages																																			
3 to 4 Yrs.		4 to 5 Yrs.		Total under 5 Yrs.		5 to 10 Yrs.		10 to 20 Yrs		20 to 30 Yrs.		30 to 40 Yrs.		40 to 50 Yrs.		50 to 60 Yrs.		60 to 70 Yrs.		70 to 80 Yrs.		80 to 90 Yrs.		90 to 100 Yrs.		Over 100 Yrs.		Unascer-ta'n'd	
M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
										1				1		1													
												1																	
										1				2					1		7		3		3				
										1		1						2											
		1		1							1	1						2											
												3		3		2		1	1			1	1						
												2						2											
										1		2																	
												1		1															
				1								3		4									1		1				
								1																					
										1				1															
						1				2		1		2				2				1							
								4						2		1													
										1				1															
																1													
																1													
										1		1																	
												5						1											
										2		2						1											
										1		1		1															
										1						1		1											
					1					1		3		1		1		1			1								
										1		1		3		1	1	2	2										
										1																			
										1								1											
					1																								
																					1								
										1																			
																		1											
1				1		1	1	1						1							1								
1				1		2		2	1	2		1		2		1	1	2	2		1								
										1		1																	
					1																								
														1		1		1											
								1		1																			
								1																					
										1				1															
																					1								
	1			1		1								1		2													
																1													
						1				1				4															
														1															
										1		1				1													
										1		2				1													
														1															
																1													
										1																			

TABLE No. II—Continued.

REPORT OF DEATHS REGISTERED DURING

Causes of Death (International Classification)	Grand Totals	Males	Females	By Under 1 Week		1 Wk. to 1 Mo.		1 Mo. to 6 Mos		6 Mos. to 1 Yr.		1 to 2 Yrs.		2 to 3 Yrs.	
				M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
177. Starvation															
178. Excessive cold															
179. Effects of heat	1	1													
180. Lightning															
181. Electricity (lightning excepted)	2	2													
182. Homicide by firearms	39	24	15												
183. Homicide by cutting or piercing instruments	6	4	2												
184. Homicide by other means (Blows)	9	8	1												
(In fist fight)	2	2													
(Thrown from window)	1	1													
185. Fractures—															
Leg (by bale of hay)	1	1													
Skull (dive into river)	1	1													
Skull (manner unknown)	2	2													
Spine (dive in swimming tank)	1	1													
186. Other external violence—															
Rupture femoral artery (flying glass)	1	1													
Rupture intestines (fall on timber)	1	1													
Traumatic perforation abdomen	1	1													
XIV. Ill-Defined Diseases.															
187. Ill-defined organic disease															
188. Sudden death															
189. (1) Cause of death ill-defined (Inanition—over 3 months)	10	3	7					2	4	2	1				1
(2) Cause of death not specified, or unknown—															
Undetermined cause	1	1													
Decomposed remains	1	1													

TABLE No. II—Continued.

FISCAL YEAR ENDING JUNE 30, 1914.

Ages																																			
3 to 4 Yrs.		4 to 5 Yrs.		Total under 5 Yrs.		5 to 10 Yrs.		10 to 20 Yrs		20 to 30 Yrs.		30 to 40 Yrs.		40 to 50 Yrs.		50 to 60 Yrs.		60 to 70 Yrs.		70 to 80 Yrs.		80 to 90 Yrs.		90 to 100 Yrs.		Over 100 Yrs.		Unascer-ta'n'd								
M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.						
										1																									
												2																							
								1		11	8	10	5	1	1	1	1																		
										1	1	1		2	1																				
								1				5	1	1		1																			
								1		1		1																							
																1																			
								1												1															
								1																											
										1		1																							
										1																									
				3	7																														
										1								1																	

TABLE NO. III

REPORT OF DEATHS REGISTERED DURING

Causes of Death (International Classification)	Grand Totals	Males	Females	Social					
				Single		Married		Widowed	
				M.	F.	M.	F.	M.	F.
DEATHS FROM ALL CAUSES.	6,857	4,288	2,569	1,946	767	1,535	931	523	815
I. General Diseases	2,049	1,297	752	686	246	459	310	101	183
II. Diseases of Nervous System	441	260	181	79	38	130	60	36	81
III. Diseases of Circulatory System	1,312	805	507	232	56	324	174	191	266
IV. Diseases of Respiratory System	728	461	267	248	131	130	56	52	75
V. Diseases of the Digestive System	543	330	213	161	94	124	72	33	43
VI. Diseases of Genito-Urinary System	679	395	284	115	29	190	142	64	105
VII. The Puerperal State	63	.....	63	.....	1	.....	59	.....	.....
VIII. Diseases of the Skin	17	12	5	5	3	2	1	5	.....
IX. Diseases of the Bones	15	11	4	7	2	3	2	1	.....
X. Malformations	54	32	22	32	22	.....	.....	.....	.....
XI. Diseases of Early Infancy	233	127	106	127	106	.....	.....	.....	.....
XII. Old Age	54	19	35	3	3	7	1	9	31
XIII. Affections Produced by External Causes	657	534	123	247	29	166	54	31	31
XIV. Ill-Defined Diseases	12	5	7	4	7	.....	.....	.....	.....
I. General Diseases.									
1. Typhoid fever	75	59	16	28	7	30	8	1	.....
2. Typhus fever	.....	.....	.....	.....	.....	.....	.....	.....	.....
3. Relapsing fever	.....	.....	.....	.....	.....	.....	.....	.....	.....
4. Malaria	5	3	2	2	.....	1	2	.....	.....
5. Smallpox	.....	.....	.....	.....	.....	.....	.....	.....	.....
6. Measles	18	11	7	11	7	.....	.....	.....	.....
7. Scarlet fever	5	2	3	2	2	.....	1	.....	.....
8. Whooping cough	52	22	30	22	30	.....	.....	.....	.....
9. Diphtheria	42	22	20	21	18	1	1	.....	1
10. Influenza	6	1	5	.....	1	1	3	.....	1
11. Miliary fever	.....	.....	.....	.....	.....	.....	.....	.....	.....
12. Asiatic cholera	.....	.....	.....	.....	.....	.....	.....	.....	.....
13. Cholera nostras	1	1	.....	.....	.....	1	.....	.....	.....
14. Dysentery	4	3	1	1	.....	2	.....	.....	1
15. Plague	.....	.....	.....	.....	.....	.....	.....	.....	.....
16. Yellow fever	.....	.....	.....	.....	.....	.....	.....	.....	.....
17. Leprosy	1	1	.....	.....	.....	1	.....	.....	.....
18. Erysipelas (idiopathic)	14	12	2	9	.....	2	2	1	.....
Following pin puncture	1	1	.....	1	.....	.....	.....	.....	.....
19. Other epidemic diseases	.....	.....	.....	.....	.....	.....	.....	.....	.....
20. Purulent infection and septicæmia	.....	.....	.....	.....	.....	.....	.....	.....	.....
Following infection face	2	2	.....	.....	.....	2	.....	.....	.....
Following infection arm	3	2	1	1	.....	1	.....	.....	1
Following injury to hand	3	3	.....	2	.....	1	.....	.....	.....
Following injury to foot	2	1	1	.....	.....	1	1	.....	.....
Following infection maxilla	1	1	.....	.....	.....	1	.....	.....	.....
Following infection ulcerated tooth	1	1	.....	.....	.....	1	.....	.....	.....
Following infection scalp	1	.....	1	.....	1	.....	.....	.....	.....
Following streptococcic infection throat	1	1	.....	1	.....	.....	.....	.....	.....
Cryptogenic	1	.....	1	.....	1	.....	.....	.....	.....
Pyemia—infection frontal sinus	1	1	.....	1	.....	.....	.....	.....	.....
Staphylococcic infection	2	2	.....	.....	.....	1	.....	.....	.....
Cause unknown	1	.....	1	.....	.....	.....	1	.....	.....
21. Glanders	1	1	.....	.....	.....	1	.....	.....	.....
22. Anthrax	.....	.....	.....	.....	.....	.....	.....	.....	.....
23. Rabies	.....	.....	.....	.....	.....	.....	.....	.....	.....
24. Tetanus (Trismus Neonatorum)	1	1	.....	1	.....	.....	.....	.....	.....
Following crushing of leg	1	1	.....	1	.....	.....	.....	.....	.....
Following injury to thumb	1	1	.....	.....	.....	1	.....	.....	.....
25. Mycoses	.....	.....	.....	.....	.....	.....	.....	.....	.....
26. Pellagra	.....	.....	.....	.....	.....	.....	.....	.....	.....
27. Beriberi	4	3	1	2	.....	1	1	.....	.....
28. Tuberculosis of the lungs	1	1	.....	1	.....	.....	.....	.....	.....
	781	595	186	353	56	182	104	33	21

TABLE NO. III

FISCAL YEAR ENDING JUNE 30, 1914

Relation				Color								Nativity									
Divorced		Unascertained		White		Chinese		Japanese		African		San Francisco		Other Parts of Cal		Other States		Foreign		Unascer-ta'n'd	
M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F	M.	F.
67	45	217	11	4,010	2,506	195	30	48	18	35	15	605	448	634	462	859	588	2,005	1,047	185	24
12	11	39	2	1,195	727	77	12	16	6	9	7	182	121	244	165	258	189	577	273	36	4
2	1	13	1	240	180	14	.....	4	1	2	.....	23	17	28	27	55	49	146	84	8	4
19	8	39	3	747	503	49	3	4	1	5	.....	31	29	66	43	167	130	507	301	34	4
6	4	25	1	438	259	12	5	7	2	4	1	86	80	94	59	75	36	187	92	19	.....
7	4	5	.....	317	207	11	2	.....	4	2	.....	62	50	73	60	77	39	109	63	9	1
11	8	15	.....	374	278	14	2	1	1	6	3	23	21	45	47	109	80	208	132	10	4
.....	2	.....	1	.....	58	.....	3	.....	1	.....	1	.....	9	.....	16	.....	12	.....	25	.....	1
.....	1	.....	.....	11	5	1	.....	.....	.....	.....	.....	.....	.....	1	3	2	.....	9	1	.....	1
.....	.....	.....	.....	10	4	1	.....	.....	.....	.....	.....	2	1	3	1	1	2	5	.....	.....	.....
.....	.....	.....	.....	31	21	1	.....	.....	.....	.....	1	29	13	3	8	.....	1	.....	.....	.....	.....
.....	.....	.....	.....	122	102	3	2	1	2	1	.....	116	93	10	12	.....	.....	.....	.....	1	1
.....	.....	.....	.....	19	35	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5	13	14	22	.....	.....
9	6	81	3	501	120	12	1	15	.....	6	2	50	12	65	16	109	37	242	54	68	4
1	.....	.....	.....	5	7	.....	.....	.....	.....	.....	.....	1	2	2	5	1	.....	1	.....	.....	.....
.....	1	.....	.....	57	15	2	1	.....	.....	.....	.....	6	5	16	3	11	4	26	4	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	2	2	1	.....	.....	.....	.....	.....	1	.....	.....	1	1	.....	1	1	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	11	7	.....	.....	.....	.....	.....	.....	6	4	4	3	1	.....	.....	.....	.....	.....
.....	.....	.....	.....	2	3	.....	.....	.....	.....	.....	.....	1	.....	.....	2	1	1	.....	.....	.....	.....
.....	.....	.....	.....	22	29	.....	1	.....	.....	.....	.....	13	20	9	9	.....	1	.....	.....	.....	.....
.....	.....	.....	.....	21	19	1	.....	.....	1	.....	.....	11	9	7	8	2	2	2	1	.....	.....
.....	.....	.....	.....	1	4	.....	.....	.....	1	.....	.....	.....	.....	.....	2	1	2	.....	1	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	3	1	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	1	2	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....
.....	.....	.....	.....	12	2	.....	.....	.....	.....	.....	.....	2	.....	3	.....	1	1	6	1	.....	.....
.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	1	.....	.....	.....	.....	.....
.....	.....	.....	.....	2	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	1	1	.....	.....
.....	.....	.....	.....	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	2	.....	.....	.....
.....	.....	.....	.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....
.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	3	1	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	1	2	.....	.....	.....
.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
6	4	21	1	527	175	55	7	6	.....	7	4	74	34	112	42	126	50	261	59	22	1

TABLE NO. III—Continued.
REPORT OF DEATHS REGISTERED DURING

Causes of Death (International Classification)	Grand Totals	Males	Females	Social					
				Single		Married		Widowed	
				M.	F.	M.	F.	M.	F.
29. Acute miliary tuberculosis									
30. Tuberculous meningitis	91	49	42	46	39	3	3		
31. Abdominal tuberculosis (intestinal)	18	9	9	6	5	2	4		
Peritoneal	24	14	10	10	5	3	5		
32. Pott's disease—									
(Tuberculosis of spine)	13	7	6	5	5		1	1	
Psoas abscess (sept. foll.)	1	1		1					
33. White swellings—									
Tuberculosis hip-joint	3	1	2	1	1		1		
34. Tuberculosis of other organs—									
Cervical lymph-glands	3	3		2		1			
Cervical lymph-glands (Operative shock)	2	1	1	1	1				
Kidneys	3	2	1	1	1	1			
35. Disseminated tuberculosis	6	2	4	2	2		2		
36. Rickets	2	1	1	1	1				
37. Syphilis (congenital)	18	8	10	8	10				
Syphilis (acquired)	27	21	6	15	1	4	3	1	2
38. Gonococcus infection (septicemia foll.)	2	1	1	1	1				
39. Cancer of the buccal cavity									
Lip	3	3				2		1	
Maxilla	6	5	1			3		2	1
Mouth	5	4	1	1	1	3			
Tongue	10	9	1	1		3	1	4	
Tonsil	1	1				1			
40. Cancer of the stomach and liver—									
Stomach	173	113	60	24	1	65	34	17	24
Stomach (operative shock)	3	2	1			1	1	1	
Sarcoma of stomach	5	5				3		2	
Liver (cancer of)	53	27	26	4	1	18	13	3	11
Sarcoma of liver	4		4		3		1		
41. Cancer of the peritonæum, intestines, rectum—									
Intestines	40	16	24	4	3	8	6	4	14
Intestines (operative shock)	2	1	1		1	1			
Sarcoma of intestines	1	1				1			
Rectum (cancer of)	28	15	13	2		9	3	4	10
Rectum (operative shock)	3	2	1			2	1		
42. Cancer of the female genital organs									
Uterus	63		63		8		31		23
Uterus (operative shock)	4		4				3		
Ovary	2		2		1				1
Sarcoma of ovary	1		1		1				
Sarcoma of ovary (operative shock)	1		1				1		
Vagina (cancer of)	1		1				1		
Vagina (operative shock)	1		1				1		
Sarcoma of vagina	1		1						1
43. Cancer of the breast	47		47		7		23		17
Sarcoma of breast	1		1						1
44. Cancer of the skin—									
Of face	14	10	4	4		4	1	1	3
Of face (operative shock)	2	2				1		1	
45. Cancer of other or unspecified organs									
Bladder (urinary)	15	8	7	1	3	6		1	3
Kidney	3	3		2		1			
Brain	1	1				1			
Larynx	8	8		1		4		3	
Pharynx	5	3	2			3	1		1
Lung	2		2				2		
Mediastinum	5	5		1		4			
Thorax	1		1				1		
Neck	13	10	3	6		3	1	1	2
Penis	2	2				1		1	

TABLE NO. III—Continued.
FISCAL YEAR ENDING JUNE 30, 1914

Relation				Color								Nativity									
Divorced		Unascertained		White		Chinese		Japanese		African		San Francisco		Other Parts of Cal		Other States		Foreign		Unascerta'n'd	
M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F	M.	F.
				43	39	2	1	4	2			20	14	18	19	5	6	6	3		
		1		7	9			1		1		1	1	5	4	1	1	1	3	1	
		1		11	10			2		1		2	2	6	6	2		3	2	1	
		1		7	6							1	2	1	2	4	1	1	1		
				1														1			
				1	2										2			1			
				3								1				2					
				1	1							1	1								
				2	1									1				1	1		
				2	3						1	1	1		1	1	1		1		
				1	1								1			1					
				8	10							6	4	1	6					1	
		1		19	6	1		1				1	1	3	1	6	1	11	3		
				1	1											1	1				
				3												1		2			
				5	3							1		1		1		2	1		
				4	1											1	1	3			
		1		9	1									1	1	2		5		1	
				1														1			
2	1	5		111	59			2	1			4	1	8	6	24	13	72	40	5	
				2	1											1		1	1		
				5														5			
1	1	1		25	25	2	1						1	3	2	4	8	19	15	1	
					4								2				2				
			1	16	24								1	2	3	3	10	10	10	1	
				1	1									1			1				
				1										1							
				15	13							1		1	1	1	5	12	7		
				2	1									1				1	1		
	1				60		1				2		3		6		20		34		
	1				3				1										1		3
					2														2		
					1														1		
					1												1				
					1														1		
					1												1				
					47								5		10		15		17		
					1														1		
		1		8	4	2								1		1	1	8	3		
				2														2			
	1			8	7										1	3	2	5	4		
				3														3			
				1														1			
				6		2												8			
				3	2									1	1			2	1		
					2												1		1		
				5												1		4			
					1										1						
				8	3	2								2		4	2	4	1		
				2														2			

TABLE NO. III—Continued.
REPORT OF DEATHS REGISTERED DURING

Causes of Death (International Classification)	Grand Totals	Males	Females	Social					
				Single		Married		Widowed	
				M.	F.	M.	F.	M.	F.
Prostate	4	4		1		1		2	
Testicle	1	1				1			
Sarcoma of bladder (urinary)	2	2		1		1			
Kidney	2	1	1	1	1				
Eye	3		3		3				
Brain	2	2				2			
Elbow	1	1				1			
Hip	2	1	1			1			1
Ilium	1		1				1		
Knee	1	1		1					
Leg	2	1	1	1			1		
Inguinal glands	1	1		1					
Lung	1	1		1					
Mediastinum	5	4	1	3		1	1		
Neck	3	1	2		2	1			
Shoulder	1	1		1					
Shoulder (operative shock)	1	1		1					
Testicle	2	2		1					
46. Other tumors (except of female genital organs) Mediastinum	1	1				1			
Spine	1	1		1					
47. Acute articular rheumatism	12	9	3	6	2	3			
48. Chronic rheumatism and gout	15	5	10	3	1	2	3		6
49. Scurvy	2	1	1	1	1				
50. Diabetes	83	33	50	10	6	20	19	3	25
51. Exophthalmic goitre	2		2		1				1
52. Addison's disease	2	1	1	1			1		
53. Leukæmia	5	2	3		2	2			1
54. Anæmia, chlorosis	25	15	10	6	2	8	4	1	4
55. Other general diseases (Purpura Hæmorrhagica)	5	3	2	3			1		1
56. Alcoholism	80	65	15	30		18	10	10	5
57. Chronic lead poisoning	5	5		1		2		2	
58. Other chronic occupation poisonings									
59. Other chronic poisonings									
II. Diseases of the Nervous System.									
60. Encephalitis	1	1		1					
61. Abscess of Brain	5	4	1	2		2	1		
(1) Simple meningitis (cerebral)	18	11	7	10	5	1	1		1
Simple meningitis (spinal)	1		1		1				
(2) Cerebrospinal meningitis	21	11	10	4	9	7			1
(3) Cerebrospinal fever (epidemic)	15	10	5	7	5			2	
62. Locomotor ataxia	15	11	4	3		7	1	1	3
63. Other diseases of the spinal cord—									
Paralysis Agitans	6	4	2			4			2
Bulbar paralysis	5	2	3	1		1	3		
Acute ascending paralysis	1	1		1					
Hematomyelia	1		1				1		
Progressive muscular atrophy	1	1		1					
Myelitis, transverse	7	4	3	2			3	1	
Sclerosis-lateral	1	1				1			
64. Cerebral hæmorrhage, apoplexy	247	144	103	22	4	85	41	26	56
65. Softening of the brain	10	6	4	1		4	1	1	3
66. Paralysis without specified cause	8	4	4	2		2	1		3
Hemiplegia	6	2	4			1		1	4
67. General paralysis of the insane (Paresis)	13	9	4	2		3	2	4	2
68. Other forms of mental alienation (Acute Mania)	3	3		1		1			
69. Epilepsy	10	4	6	2	5	2			1
70. Convulsions (nonpuerperal)									

TABLE NO. III—Continued.

FISCAL YEAR ENDING JUNE 30, 1914

Relation				Color								Nativity									
Divorced		Unascertained		White		Chinese		Japanese		African		San Francisco		Other Parts of Cal		Other States		Foreign		Unascert'n'd	
M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F	M.	F.
				4												1		3			
				1								1									
				2										1				1			
				1		1										1		1			
						3								2		1					
				2								2									
						1												1			
				1		1												1	1		
				1															1		
				1										1							
				1		1						1							1		
				1												1					
				1												1					
				4		1						2		1		1			1		
				1		2							1	1	1						
				1								1									
				1										1							
				2														2			
																1					
				1																	
				1														1			
	1			7	3	2						3		2	3			4			
				5	10							2		2			3	1	7		
					1	1								1	1						
				33	50							1	2	7	6	6	19	18	23	1	
					2												1		1		
				1	1									1					1		
				2	3								1		1	2	1				
				14	10	1						2	1		4	5		8	5		
				3	2							1		2					2		
	3		4	65	15							6	2	9	3	17	6	31	4	2	
				5								1		1		2		1			
				1								1									
				4	1							1				1		2	1		
				9	7	1		1				4		7	4		1		1		1
					1														1		
				10	10			1				3	2	4	5			4	3		
			1	9	4				1	1		2	2	2	3	4		1		1	
				10	4	1						1		1	2	2	1	7	1		
				4	2													4	2		
				1	3					1			1			1		1	2		
				1														1			
					1												1				
			1	4	3							1			1	2	1	1	1		
				1										1							
1	1	10	1	132	103	11		1				2	2	7	7	35	35	93	56	7	3
				6	4								1	2			2	4	1		
				4	4									1	1	1		2	3		
				1	4	1											1	2	3		
				9	4											3		6	4		
			1	3														3			
				3	6			1						3		2	1	1	3		

TABLE NO. III—Continued.

REPORT OF DEATHS REGISTERED DURING

Causes of Death (International Classification)	Grand Totals	Males	Females	Social					
				Single		Married		Widowed	
				M.	F.	M.	F.	M.	F.
71. Convulsions of infants	8	6	2	6	2				
72 Chorea									
73. Neuralgia and neuritis (multiple neuritis)	6	3	3	3	1				2
74. Other diseases of the nervous system Tumor of brain	23	14	9	7	3	6	4		2
75. Diseases of the eyes and their annexa									
76. Diseases of the ears— Otitis media	9	4	5	1	3	3	1		1
III. Diseases of the Circulatory System.									
77. Pericarditis	22	15	7	7	2	7	3		2
78. Acute endocarditis	38	17	21	9	8	6	9		3
79. Organic diseases of the heart—									
(1) Valvular disease	355	200	155	62	25	90	52	38	76
(2) Endocarditis, chronic	117	75	42	27	5	30	20	8	16
(3) Fatty heart	18	9	9	2		5	3	2	6
(4) Myocarditis, chronic	405	245	160	59	12	92	56	72	89
80. Angina pectoris	35	23	12	5	1	14	5	4	6
81. Diseases of arteries, atheroma. aneurysm, etc.—									
Aneurism of aorta	23	21	2	5		13	2	1	
Arterio-sclerosis	269	185	84	50	2	60	18	64	61
82. Embolism and thrombosis	27	13	14	5	1	6	6	2	7
83. Diseases of veins (phlebitis)	2	1	1			1			
84. Diseases of lymphatic system (lymphangitis, etc.)									
85. Hæmorrhage; other diseases of circulatory system (Adams-Stokes disease)	1	1		1					
IV. Diseases of the Respiratory System.									
86. Diseases of the nasal fossæ									
87. Diseases of the larynx (Laryngitis)	2	1	1		1	1			
Edema of glottis	4	4		1		2		1	
88. Diseases of the thyreoid body (Hyperthyreoidism)	2	1	1		1	1			
89. Acute bronchitis	51	27	24	17	13	5	2	5	9
90. Chronic bronchitis	38	23	15	3	2	12	3	8	10
91. Bronchopneumonia	271	164	107	108	69	25	15	16	22
92. Lobar pneumonia	304	204	100	103	41	69	29	17	27
93. Pleurisy	35	23	12	11	4	10	4	2	4
94. Pulmonary congestion (hypostatic pneumonia)	10	6	4	1		2	1	3	3
95. Gangrene of the lung	3	3		2		1			
96. Asthma	2		2				2		
97. Pulmonary emphysema									
98. Other diseases of the respiratory system (tuberculosis excepted)—									
Abscess of lung (non-tuberculous)	5	4	1	2		2			
Chronic inflammation lung	1	1							
V. Diseases of the Digestive System.									
99. Diseases of the mouth and annexa (Thrush)	1	1		1					
Ulcer of lip	1	1							
100. Diseases of the pharynx (pharyngitis)	1		1		1				
Tonsillitis	5	1	4	1	3		1		
101. Diseases of the œsophagus (perforation foreign body)	1	1				1			

TABLE NO. III—Continued.

FISCAL YEAR ENDING JUNE 30, 1914

Relation				Color								Nativity									
Divorced		Unascertained		White		Chinese		Japanese		African		San Francisco		Other Parts of Cal		Other States		Foreign		Unascert'n'd	
M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F	M.	F.
				6	2							4	1	2	1						
				3	3							1					1	2	2		
1				14	9							2	3			3	4	9	2		
				4	5							1	2	1	1	1	1	1	1		
		1		13	7	2						4	2	5	3	1	1	4	1	1	
	1	2		17	21							3	5	5	5		6	7	5	2	
6	2	4		175	153	22	2	2		1		9	8	23	14	41	44	126	89	1	
2		8	1	73	40	1	1		1	1		5	5	7	3	23	8	34	26	6	
				7	9	1				1						1	2	8	7		
6	2	16	1	238	160	7						5	8	17	10	45	41	158	98	20	3
				21	12	1		1				4		2	3	5	5	12	4		
1		1		19	2	1				1		1				7	2	12		1	
4	2	7	1	169	84	14		1		1			1	4	2	37	19	141	61	3	1
				13	14									2	3	6	2	5	9		
	1			1	1											1			1		
				1										1							
				1			1						1					1			
				4								1		1		1		1			
				1	1											1	1				
				26	23	1	1					12	9	4	2	3	3	8	10		
				22	14	1	1							1	3	2	3	20	9		
5	1	10		156	103	3	2	3	1	2	1	45	44	33	24	28	12	51	27	7	
1	2	14	1	192	100	6		4		2		25	23	49	23	30	15	88	39	12	
				22	11	1			1			2	2	3	7	6	1	12	2		
				6	4											3	1	3	3		
				3								1		1		1					
					2														2		
	1			4	1								1	2				2			
		1		1														1			
				1										1							
		1		1												1					
					1										1						
				1	4									1	3		1				
				1										1							

TABLE NO. III—Continued.
REPORT OF DEATHS REGISTERED DURING

Causes of Death (International Classification)	Grand Totals	Males	Females	Social					
				Single		Married		Widowed	
				M.	F.	M.	F.	M.	F.
102. Ulcer of the stomach	36	25	11	8	2	14	6	1	2
(Operative shock)	2	1	1			1	1		
103. Other diseases of stomach (cancer excepted) (gastritis)	22	8	14	5	8	3	5		1
Cirrhosis of	1		1						1
Dilatation of	3		3		1		1		1
Pyloric stenosis	2	2		1		1			
Foreign body in	1	1		1					
104. Diarrhœa and enteritis (under 2 years)—									
Cholera infantum	3	2	1	2	1				
Diarrhœa	9	7	2	7	2				
Enteritis	28	12	16	12	16				
Entero-colitis	3	2	1	2	1				
Gastro-enteritis	58	36	22	36	22				
Ileo-colitis	3	2	1	2	1				
105. Diarrhœa and anteritis (2 years and over)									
Diarrhœa	3	2	1				1	2	
Enteritis	7	5	2	2	1	3			1
Entero-colitis	2		2				1		1
Gastro-enteritis	15	6	7	4	5	1		1	2
Ileo-colitis	2	2						2	
Duodenal ulcer	6	6		2		3		1	
(Operative shock)	1	1				1			
106. Ankylostomiasis—									
107. Intestinal parasites—									
Coccidioides Ophüls	2	2		1		1			
108. Appendicitis	64	42	22	16	9	24	12	1	1
(Operative shock)	2		2				1		1
(Operative sepsis)	4	3	1	1		2	1		
109[1] Hernias	15	9	6	2	1	5	2	2	2
(Operative shock)	5	4	1	2	1	1		1	
(Operative sepsis)	1		1						1
109[2] Intestinal obstruction	25	12	13	4	3	7	2	1	8
(Operative shock)	3	1	2		1	1	1		
Intussusception	2	1	1	1	1				
(Operative shock)	1		1		1				
Volvulus	7	6	1	2		2		1	1
110. Other diseases of the intestines (abscess ilium)	1	1				1			
Ischiorectal abscess	2	2		1		1			
(Operative shock)	1		1				1		
Fecal fistula	2	2		1		1			
(Operative shock)	1		1				1		
Perforation of rectum	1		1		1				
Septicemia foll. injury	1	1				1			
111. Acute yellow atrophy of the liver	2	1	1	1	1				
112. Hydatid tumor of the liver									
113. Cirrhosis of the liver	129	91	38	32	4	37	22	16	11
114. Biliary calculi	21	8	13	2	2	4	6	2	5
(Operative shock)	2	1	1	1					
(Operative sepsis)	1		1				1		
115. Other diseases of the liver—									
Abscess of	9	5	4	1	2	4			2
Cholangitis	4	1	3		1	1	1		1
Cholecystitis	5	3	2	1		2	2		
Congestion of	1	1		1					
116. Diseases of the spleen (abscess of)	1	1		1					
117. Simple peritonitis (nonpuerperal)	3	1	2		2			1	
118. Other diseases of digestive system (excepting cancer, turberculosis)									
Pancreatitis	9	6	3	4		1	2		1
Pancreatic cyst	1	1						1	
Sub-phrenic abscess	1		1				1		

TABLE NO. III—Continued.

FISCAL YEAR ENDING JUNE 30, 1914

Relation				Color								Nativity									
Divorced		Unascertained		White		Chinese		Japanese		African		San Francisco		Other Parts of Cal		Other States		Foreign		Unascerta'n'd	
M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F	M.	F.
2	1			25	11							4	2	7		7	3	7	6		
				1	1											1			1		
				7	13	1			1			3	6	2	4		2	3	2		
					1										1						
					3										1		2				
				1		1								1				1			
				1												1					
				2	1							1	1	1							
				6	2	1						3	1	4	1						
				12	15		1					6	8	5	8					1	
				2	1									1	1			1			
				36	21				1			21	13	15	9						
				2	1							1	1	1							
				2	1											1		1	1		
				3	2	2							1			3		2	1		
					2												1		1		
				6	6				1			4	2		2	2			3		
				2												1		1			
				6										1		3		1		1	
				1												1					
				2										1				1			
1				41	22	1						8	5	7	8	11	5	16	4		
					2														2		
				3	1									3			1				
	1			8	6	1							1	1	2	2		6	3		
				4	1									1				3	1		
					1														1		
				11	12		1			1			2	3	1	5	3	4	7		
				1	2									1	1		1				
				1	1							1			1						
					1										1						
1				6	1							2		1		1		2	1		
				1												1					
				1		1										1		1			
					1														1		
				2														2			
					1														1		
					1										1						
				1								1				1					
				1	1							1			1						
2	1	4		88	38	2				1		6	4	13	5	22	9	45	19	5	1
				8	13							1		1	3	2	6	3	4	1	
	1			1	1										1	1					
					1														1		
				5	4								1		1	4	1	1	1		
				1	3										2		1	1			
				2	2	1										1	1	2	1		
				1																1	
				1												1					
				1	1				1				1		1			1			
1				6	3								1			3	1	3	1		
				1														1			
					1												1				

TABLE NO. III—Continued.

REPORT OF DEATHS REGISTERED DURING

Causes of Death (International Classification)	Grand Totals	Males	Females	Social					
				Single		Married		Widowed	
				M.	F.	M.	F.	M.	F.
VI. Diseases of the Genito-Urinary System									
119. Acute nephritis	59	41	18	17	4	19	9	2	5
120. Bright's disease	526	313	213	84	20	156	94	50	93
121. Chyluria									
122. Other diseases of the kidneys and Adnexa—									
Abscess of	2	1	1		1	1			
Tumor of	5	2	3	2			2		1
(Operative shock)	2	2		1		1			
Pyeloneprithis	10	7	3	4		2	2	1	1
123. Calculi of the urinary passages	2	2		1		1			
124. Diseases of the bladder									
Cystitis, chronic	13	11	2	2		5	1	4	1
125. Diseases of the urethra (stricture of)	2	2		1		1			
126. Diseases of the prostate (abscess of)	2	2				2			
Hypertrophy of	10	10		2		1		7	
(Operative shock)	1	1				1			
127. Nonvenereal diseases of male genital organs									
Septicemia foll. circumcision	1	1		1					
128. Uterine hæmorrhage (nonpuerperal)									
129. Uterine tumor (noncancerous)—									
Fibro-myoma of	11		11		2		8		1
(Operative shock)	8		8				7		1
(Operative sepsis	1		1				1		
130. Other diseases of the uterus (Pelvi Abscess)	2		2				2		
(Operative shock)	1		1				1		
(Operative sepsis	1		1				1		
Septicemia foll. Fixation Uterus	1		1				1		
131. Cysts and other tumors of the ovar	3		3				1		2
(Operative shock)	4		4				3		
(Operative sepis)	1		1		1				
132. Salpingitis and other diseases of female genital organs (Salpingitis)	9		9		1		8		
(Operative shock)	1		1				1		
(Operative sepsis)	1		1						
133. Nonpuerperal diseases of the breast (cancer excepted)—									
VII. The Puerperal State.									
134. Accidents of pregnancy—									
Abortion (self-induced)	4		4				4		
Abortion (criminal)	6		6				5		
Extrauterine pregnancy	4		4				4		
Miscarriage	2		2				2		
Vomiting of pregnancy	1		1				1		
135. Puerperal hæmorrhage	2		2				2		
136. Other accidents of labor—									
Cesarian section	1		1				1		
Rupture of uterus	1		1				1		
137. Puerperal septicæmia	12		12				12		
138. Puerperal albuminuria and convulsions	28		28		1		25		
139. Puerperal phlegmasia alba dolens	2		2				2		
140. Following childbirth (not otherwise specified)									
141. Puerperal diseases of the breast									
VIII. Diseases of the Skin.									
142. Gangrene (Stomatitis)	1	1		1					
Of leg	5	4	1		1	1		3	

TABLE NO. III—Continued.

FISCAL YEAR ENDING JUNE 30, 1914

Relation				Color								Nativity									
Divorced		Unascertained		White		Chinese		Japanese		African		San Francisco		Other Parts of Cal		Other States		Foreign		Unascerta'n'd	
M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F	M.	F.
2		1		36	17	2				3	1	6	3	10	4	9	7	16	4		
9	6	14		298	210	11	1	1		3	2	16	15	32	25	85	58	170	113	10	2
				1	1													1			1
				2	3									1	1	1	1		1		
				2												2					
				7	3									1	1	3		3	2		
				2												1		1			
				11	2											5	1	6	1		
				2														2			
				2										1				1			
				9		1										3		7			
				1														1			
				1								1									
					11										5		3		3		
					8										3		3		2		
					1										1						
					2								1								1
					1								1								
					1												1				
					1												1				
	1				2		1								1				2		
					4										2		2				
					1												1				
					8				1				1		2		2		4		
					1										1						
	1				1										1						
					4												1		3		
	1				6										1		3		2		
					3		1								1		2		1		
					2								2								
										1									1		
					2												1		1		
					1										1						
					1														1		
					12								4		1		2		5		
	1		1		25		2				1		3		11		3		10		1
					2										1				1		
				1														1			
				3	1	1										1		3			1

TABLE NO. III—Continued.

REPORT OF DEATHS REGISTERED DURING

Causes of Death (International Classification)	Grand Totals	Males	Females	Social					
				Single		Married		Widowed	
				M.	F.	M.	F.	M.	F.
Of scrotum	1	1						1	
From ingrowing toe nail	1	1		1					
143. Furuncle—									
Septicemia foll. carbuncle	1	1				1			
144. Acute abscess (of neck)	1	1		1					
Multiple abscess (septicemia foll.)	1	1		1					
145. Other diseases of the skin and annexa (Eczema, septic, foll.)	1	1		1					
Herpes zoster	1	1						1	
Impetigo contagiosa	2		2		2				
Ulcer of leg	1		1						
Pemphigus	1		1				1		
IX. Diseases of the Bones.									
146. Diseases of the bones (tuberculosis excepted)—									
Mastoiditis (septicemia foll.)	6	3	3	2	2		1	1	
Necrosis maxilla	1	1				1			
Osteomyelitis, multiple	5	5		3		2			
(Operative sepsis)	1		1				1		
(Septicemia foll.)	2	2		2					
147. Diseases of the joints (excepting tuberculosis and rheumatism)									
148. Amputations									
149. Other diseases of the organs of locomotion									
X. Malformations.									
150. (1) Hydrocephalus	5	1	4	1	4				
(2) Congenital malformation of heart	31	23	8	23	8				
(3) Other congenital malformations—									
Of brain	2	2		2					
Of intestines	8	2	6	2	6				
Pyloric stenosis	3	3		3					
Spina bifida	5	1	4	1	4				
XI. Diseases of Early Infancy.									
151. (1) Premature birth	135	77	58	77	58				
(2) Congenital debility, "atrophy," "marasmus," etc.	29	14	15	14	15				
Atelectasis	26	12	14	12	14				
Icterus neonatorum	4	2	2	2	2				
152. Other diseases peculiar to early infancy (asphyxia neonatorum)	9	4	5	4	5				
Melena neonatorum	1		1		1				
Application Forceps	11	5	6	5	6				
Cesarian section	1	1		1					
Difficult labor	5	5		5					
Placenta previa	1	1		1					
Suffocation under bed clothes	3	2	1	2	1				
153. Lack of care (exposure)	8	4	4	4	4				
XII. Old Age.									
154. Senility	54	19	35	3	3	7	1	9	31
XIII. Affections Produced by External Causes.									
155. Suicide by poison—									
Arsenic	1	1						1	
Bi-chloride mercury	11	6	5	2	1	2	4		

TABLE NO. III—Continued.

FISCAL YEAR ENDING JUNE 30, 1914

Relation				Color								Nativity									
Divorced		Unascertained		White		Chinese		Japanese		African		San Francisco		Other Parts of Cal		Other States		Foreign		Unascerta'n'd	
M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F	M.	F.
				1														1			
				1														1			
				1												1					
				1														1			
				1														1			
				1										1							
				1														1			
					2										2						
	1				1														1		
					1										1						
				3	3								1	1	1		1	2			
				1														1			
				4		1						2				1		2			
					1												1				
				2										1							
				1	4							1	2		1		1				
				22	8	1						21	4	2	4						
				2								2									
				2	5						1	2	4		2						
				3								2		1							
				1	4							1	3		1						
				73	55	2	1	1	2	1		72	53	4	5					1	
				14	15							10	11	4	4						
				11	13	1	1					11	11	1	3						
				2	2							2	2								
				4	5							4	5								
					1								1								
				5	6							4	6	1							
				1								1									
				5								5									
				1								1									
				2	1							2	1								
				4	4							4	3								1
				19	35											5	13	14	22		
				1														1			
		2		5	5					1			1	1	1	2	1	3	2		

TABLE NO. III—Continued.

REPORT OF DEATHS REGISTERED DURING

Causes of Death (International Classification)	Grand Totals	Males	Females	Social					
				Single		Married		Widowed	
				M.	F.	M.	F.	M.	F.
Carbolic acid	5	5		2		2			
Chloroform	3	2	1				1		
Cyanide potassium	9	8	1	3		5	1		
Iodine	1		1		1				
Lysol	3	1	2	1			2		
Morphine	1		1				1		
Opium	1	1		1					
Strychnine	4	4		1		2			
156. Suicide by asphyxia (illuminating gas)	63	49	14	21	4	14	5	8	4
157 Suicide by hanging or strangulation	9	9		1		4			
158. Suicide by drowning	7	4	3	2			2		
159. Suicide by firearms	91	84	7	29		38	7		
160. Suicide by cutting or piercing instruments	17	16	1	7		7		1	1
161. Suicide by jumping from a high place (window)	3	2	1			2	1		
162. Suicide by crushing (under electric car)	1	1		1					
(Under railroad train)	1	1		1					
163. Other suicides (voluntary starvation)	1	1		1					
164. Poisoning by food—									
Ptomaine (from clam soup)	1	1		1					
From corned beef	1	1							
From cranberries	1		1		1				
Unqualified	2	1	1			1			
165. Other acute poisonings—									
Bi-chloride mercury (acid, self-administered)	3	2	1	2			1		
Carbolic acid (self-administered)	1	1				1			
Cocaine (self-administered)	1	1							
Chloral (self-administered)	1	1				1			
Cyanide potassium (self-admin.)	2	2		1		1			
Lysol (self-administered)	1	1				1			
Strychnine (self-administered)	1		1						
Strychnine (unknown source)	1	1				1			
166. Conflagration	3	2	1	1	1			1	
167. Burns—									
Ignition clothing from cigarette	1		1				1		
Ignition clothing from gasoline	2	2		1		1			
Ignition clothing from gas-stove	2		2		1		1		
Explosion kerosene lamp	1		1				1		
Explosion kerosene stove	1		1						1
Accidental ignition bed-clothes	2	1	1			1			
From open grate	1	1		1					
Playing with matches	6	4	2	4	2				
From boiling water	1	1		1					
From hot water bottle	1	1		1					
From escaping steam	2	2		2					
168. Absorption of deleterious gases (conflagration excepted)—									
Illuminating gas (accidental)	53	40	13	14	2	12	7	5	3
Smoke (from burning hay)	1	1							
Paint fumes in tank	1	1		1					
Sulphide hydrogen gas in sewer	2	2				2			
Chloroform anesthesia	3	1	2	1	1		1		
169. Accidental drowning (In bay of S.F.)	39	38	1	18		1	1	3	
Accidental drowning (In pond)	1	1		1					
Accidental drowning (In reservoir)	2	2		2					
170. Traumatism by firearms	5	5		2		1			
171. Traumatism by cutting or piercing instruments									

TABLE NO. III—Continued.

FISCAL YEAR ENDING JUNE 30, 1914

Relation				Color								Nativity									
Divorced		Unascertained		White		Chinese		Japanese		African		San Francisco		Other Parts of Cal		Other States		Foreign		Unascerta'n'd	
M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F	M.	F.
		1		5								1				2		2			
1		1		2	1													1		1	1
				8	1							2				5	1	1			
					1														1		
				1	2												1	1	1		
										1							1				
				1														1			
		1		4														4			
1	1	5		46	14	2		1				2	1	7	3	10	6	25	4	5	
		4		9								1				2		3		3	
1	1	1		4	3												2	3		1	1
3		14		79	7	3		2				5		7	1	19	5	38	1	15	
1				14	1	1		1				2		1		5		7	1	1	
				2	1											1		1	1		
				1														1			
				1																1	
				1														1			
				1								1									
		1		1														1			
	1			1	1									1			1		1		
				2			1							2					1		
		1		1								1								1	
				1														1			
				2														1		1	
	1			1													1				
				1																	
				1	1			1										1			
				2												2					
					2										1		1				
					1														1		
					1												1				
			1	1	1											1	1				
				1										1							
				4	1						1	2	2	2							
				1												1					
				1								1									
				2														2			
1	1	8		39	13					1		3	2	1	1	8	2	19	8	9	
		1		1																1	
				1								1									
				2										1				1			
				1	2									1	1				1		
		16		36	1			2				3		1		5		17	1	12	
				1								1									
				2								1				1					
		2		5												2		2		1	

TABLE NO. III—Continued.
REPORT OF DEATHS REGISTERED DURING

Causes of Death (International Classification)	Grand Totals	Males	Females	Social					
				Single		Married		Widowed	
				M.	F.	M.	F.	M.	F.
172. Traumatism by fall									
Over balustrade	2	2				2			
From bed	1		1				1		
From bridge	1		1		1				
From building	16	15	1	8	1	6		1	
From over cliff	2	2		1		1			
From traveling crane	1	1		1					
Into dry dock	1	1		1					
Down elevator shaft	2	2		2					
From flag pole	1	1		1					
On floor	17	2	15		2	1	1		12
From ladder	4	4		3				1	
From loft	3	3		1		1		1	
On pavement	14	11	3	3	2	4	1		
From scaffold	4	4				4			
From breaking scaffold (defective)	3	3		1		2			
Into hold of ship	2	2				1			
Down stairs	10	8	2	3		3		1	2
Into tank	1	1		1					
From telegraph pole	1	1		1					
Into trench	1	1		1					
From wharf	1	1		1					
From window	8	8		4		1		2	
172a. Crushed by elevators	7	7		6		1			
173. Traumatism in mines and quarries	2	2		1		1			
174. Traumatism by machines									
Crushed in concrete mixer	1	1				1			
Crushed by crank shaft	1	1				1			
Crushed in fly-wheel	1	1				1			
Crushed in tube expander	1	1				1			
175[1]. Railroad accidents and injuries—									
Run over by train	6	6		3		3			
Struck by locomotive	5	5				2		1	
Crushed between cars	3	3		2		1			
175[2]. Street car accidents and injuries—									
Fall from electric car	2	1	1	1					1
Run over by electric car	8	6	2	1	1	2		1	1
Struck by electric car	11	8	3	4	1	2			2
Crushed between electric cars	1	1		1					
Collision bet. electric car and train	1	1				1			
Fall from cable car	1	1							
Run over by cable car	2	1	1	1	1				
Struck by cable car	1		1						1
175[3]. Automobile accidents and injuries—									
Crushed by overturning auto	1	1		1					
In collision between autos	1	1				1			
Run over by auto	6	4	2	3	1				1
Struck by auto	18	13	5	10	1	1	2	2	1
Collision bet. auto and motorcycle	2	2		1		1			
Collision bet. auto and train	1		1		1				
175[4]. Injuries by other vehicles—									
Struck by motorcycle	3	3		1		1		1	
Collision bet. motorcycle and electric car	2	2		2					
Collision bet. bicycle and wagon									
Collision bet. electric car and wagon	1	1		1					
Fall from wagon	2	2		2					
Run over by wagon	1	1				1			
Thrown from wagon in runaway	5	5		4		1			
175[5]. Landslide—other crushing—	1	1				1			
By caving earth	6	6		4		2			
By falling freight chute	1	1		1					
By rolling log	1	1		1					

TABLE NO. III—Continued

FISCAL YEAR ENDING JUNE 30, 1914

Relation				Color								Nativity									
Divorced		Unascertained		White		Chinese		Japanese		African		San Francisco		Other Parts of Cal		Other States		Foreign		Unascertain'd	
M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F	M.	F.
				2												1		1			
					1														1		
					1														1		
				15	1							2		1		9		3	1		
				2								1		1							
				1								1									
				1														1			
				2										2							
				1														1			
		1		2	15											4		2	11		
						1				3				1				3			
				3												1		2			
		4		10	3					1		1		1		2	1	5	1	3	
				4								1						2		1	
				3												2		1			
		1		2														2			
		1		8	2							2		1		2		3	2		
				1														1			
				1														1			
				1														1			
				1												1					
		1		7				1						1		1		5		1	
				7								3		1		1		2			
				2														1		1	
				1										1							
				1												1					
				1														1			
				1										1							
		2		6										1		2		3			
				5												1		2		2	
				3										1				2			
				1	1													1	1		
1		1		6	2								1	1		2		2	1	1	
		2		7	3			1							1		1	6	1	2	
				1										1							
				1												1					
		1		1														1			
				1	1								1	1							
					1														1		
				1														1			
				1														1			
		1		4	2									2		2	1		1		
	1			11	5			2				3		5	1		3	5	1		
				2										1		1					
					1										1						
				3												1		2			
				2												1		1			
				1								1									
				2										1				1			
				1														1			
				5								2		2		1					
				1												1					
				6								1		1		1		3			
				1														1			
				1												1					

TABLE NO. III—Continued.

REPORT OF DEATHS REGISTERED DURING

Causes of Death (International Classification)	Grand Totals	Males	Females	Social					
				Single		Married		Widowed	
				M.	F.	M.	F.	M.	F.
By falling freight	3	3		2		1			
By falling lumber	3	3		1		2			
By falling truss	1	1				1			
176. Injuries by animals—									
Fall from horse	1	1		1					
Kicked by horse	1	1		1					
177. Starvation									
178. Excessive cold									
179. Effects of heat	1	1		1					
180. Lightning									
181. Electricity (lightning excepted)	2	2		2					
182. Homicide by firearms	39	24	15	13	3	7	10		1
183. Homicide by cutting or piercing instruments	6	4	2	3			2		
184. Homicide by other means (Blows)	9	8	1	5		1		1	
(In fist fight)	2	2		2					
(Thrown from window)	1	1							
185. Fractures—									
Leg (by bale of hay)	1	1				1			
Skull (dive into river)	1	1		1					
Skull (manner unknown)	2	2		1					
Spine (dive in swimming tank)	1	1		1					
186. Other external violence—									
Rupture femoral artery (flying glass)	1	1				1			
Rupture intestines (fall on timber)	1	1		1					
Traumatic perforation abdomen	1	1		1					
XIV. Ill-Defined Diseases.									
187. Ill-defined organic disease									
188. Sudden death									
189. (1) Cause of death ill-defined (Inanition—over 3 months)	10	3	7	3	7				
(2) Cause of death not specified, or unknown—									
Undetermined cause	1	1		1					
Decomposed remains	1	1							

TABLE NO. III—Continued.

FISCAL YEAR ENDING JUNE 30, 1914

Relation				Color								Nativity									
Divorced		Unascertained		White		Chinese		Japanese		African		San Francisco		Other Parts of Cal		Other States		Foreign		Unascert'n'd	
M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F	M.	F.
				3												2		1			
				3												1		3			
				1												1					
				1														1			
				1														1			
				1										1							
				2										1				1			
		4	1	17	15	4		3				3	4	5	4	2	1	12	5	2	1
		1		4	2									1			1	2	1	1	
		1	1	6	1	1		1				2		1				4		1	1
				2												2					
		1		1																1	
				1														1			
				1										1							
		1		2														2			
				1														1			
				1														1			
				1										1							
				1										1							
				3	7							1	2	2	5						
				1												1					
1				1														1			

TABLE NO. III—Continued.

REPORTS OF DEATHS REGISTERED DURING FISCAL YEAR ENDING JUNE 30, 1914.

Causes of Death (International Classification)	Grand Totals	Males	Females	Place of Death: 1st District		2nd District		3rd District		4th District		5th District		En route ★ to Hospital		Pub. Inst-'t'ns, hospitals, etc		Refugee Camps		Non Resident	
				M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F	M.	F.
DEATHS FROM ALL CAUSES.	6857	4288	2569	790	538	400	293	244	218	376	349	189	175	151	16	2138	980	.....	.....	388	146
I. General Diseases	2049	1297	752	204	173	111	85	58	72	110	99	56	46	3	.....	755	277	.....	.....	152	54
II. Diseases of Nervous System	441	260	181	56	33	21	11	18	22	29	22	8	21	3	.....	125	72	.....	.....	28	10
III. Diseases of Circulatory System	1312	805	507	187	130	82	72	59	52	66	65	42	42	25	4	344	142	.....	.....	66	17
IV. Diseases of Respiratory System	728	461	267	69	77	40	33	14	21	59	42	24	18	3	.....	252	76	.....	.....	31	8
V. Diseases of the Digestive System	543	330	213	57	38	39	23	16	8	24	31	16	6	5	.....	173	107	.....	.....	36	22
VI. Diseases of Genito-Urinary System	679	395	284	74	53	32	31	40	21	26	31	17	25	6	3	200	120	.....	.....	39	24
VII. The Puerperal State	63	.....	63	.....	6	.....	1	.....	1	.....	3	.....	3	.....	.....	.....	49	.....	.....	.....	2
VIII. Diseases of the Skin	17	12	5	1	.....	1	.....	1	1	2	.....	.....	.....	.....	.....	7	4	.....	.....	4	1
IX. Diseases of the Bones	15	11	4	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	11	3	.....	.....	5	2
X. Malformations	54	32	22	4	3	2	1	5	2	6	7	.....	1	.....	.....	15	8	.....	.....	1	.....
XI. Diseases of Early Infancy	233	127	106	30	15	19	19	12	4	18	31	9	6	.....	1	39	30	.....	.....	.....	1
XII. Old Age	54	19	35	6	9	3	5	.....	5	4	5	.....	3	.....	.....	6	8	.....	.....	.....	.....
XIII. Affections Produced by External Causes	657	534	123	100	29	50	12	21	9	31	8	16	4	106	8	210	53	.....	.....	26	4
XIV. Ill-Defined Diseases	12	5	7	2	2	.....	.....	.....	.....	1	4	1	.....	.....	.....	1	1	.....	.....	.....	1
I. General Diseases.																					
1. Typhoid fever	75	59	16	2	4	3	.....	2	.....	3	2	2	.....	.....	.....	47	10	.....	.....	13	3
2. Typhus fever	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
3. Relapsing fever	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
4. Malaria	5	3	2	.....	1	.....	.....	.....	1	.....	.....	1	.....	.....	.....	2	.....	.....	.....	2	1
5. Smallpox	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
6. Measles	18	11	7	.....	3	1	3	.....	.....	3	1	1	.....	.....	.....	6	.....	.....	.....	1	.....
7. Scarlet fever	5	2	3	1	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	1	2	.....	.....	.....	1
8. Whooping cough	52	22	30	3	5	3	7	1	1	7	12	3	1	.....	.....	5	4	.....	.....	.....	.....
9. Diphtheria	42	22	20	6	6	1	5	.....	1	4	4	4	1	.....	.....	7	3	.....	.....	.....	.....
10. Influenza	6	1	5	.....	2	.....	1	1	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

11. Miliary fever																						
12. Asiatic cholera																						
13. Cholera nostras	1	1		1																		
14. Dysentery	4	3	1	1							1					2						
15. Plague																						
16. Yellow fever																						
17. Leprosy	1	1														1						
18. Erysipelas (idiopathic)	14	12	2	3		1			2							6	2			1	1	
Following pin puncture	1	1		1																		
19. Other epidemic diseases																						
20. Purulent infection and septicæmia																						
Following infection face	2	2														2				2		
Following infection arm	3	2	1													2	1					
Following injury to hand	3	3														3						
Following injury to foot	2	1	1													1	1					
Following infection maxilla	1	1		1																		
Following infection ulcerated tooth	1	1									1											
Following infection scalp	1		1														1					
Following streptococcic infection throat	1	1														1						
Cryptogenic	1		1														1					
Pyemia—infection frontal sinus	1	1					1															
Staphylococcic infection	2	2														2						
Cause unknown	1		1														1					
21. Glanders	1	1														1						
22. Anthrax																						
23. Rabies																						
24. Tetanus (Trismus Neonatorum)	1	1							1													
Following crushing of leg	1	1														1				1		
Following injury to thumb	1	1									1											
25. Mycoses																						
26. Pellagra	4	3	1													3	1					
27. Beriberi	1	1		1																		
28. Tuberculosis of the lungs	781	595	186	99	44	57	22	28	13	43	30	11	10	3		354	67			52	6	
29. Acute miliary tuberculosis																						
30. Tuberculous meningitis	91	49	42	10	8	7	2	3	3	9	9	6	4			14	16			3	3	
31. Abdominal tuberculosis (intestinal)	18	9	9	2	4	2			2	1	1	1	1			3	1			1	1	
Peritoneal	24	14	10	3		2	1		1	2		1				6	8			1	5	
32. Pott's disease— (Tuberculosis of spine)	13	7	6	1	2				1		1	1				5	2			1	1	
Psoas abscess (sept. foll.)	1	1														1				1		
33. White swellings— Tuberculosis hip-joint	3	1	2		1											1	1			1	1	
34. Tuberculosis of other organs— Cervical lymph-glands	3	3		1				1								1						

TABLE NO. III—Continued.

REPORTS OF DEATHS REGISTERED DURING FISCAL YEAR ENDING JUNE 30, 1914.

Causes of Death (International Classification)	Grand Totals	Males	Females	Place of Death																	
				1st District		2nd District		3rd District		4th District		5th District		En route to Hospital		Pub. Inst-'t'ns, hospitals, etc		Refugee Camps		Non Resident	
				M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F	M.	F.
Cervical lymph-glands (Operative shock)	2	1	1	1												1					
Kidneys	3	2	1													2	1			1	
35. Disseminated tuberculosis	6	2	4													2	1			1	
36. Rickets	2	1	1	1													1				
37. Syphilis (congenital)	18	8	10	1	2	1	4		1	2		1				3	3				
Syphilis (acquired)	27	21	6	2				1								18	6			2	1
38. Gonococcus infection (septicemia foll.)	2	1	1													1	1				1
39. Cancer of the buccal cavity																					
Lip	3	3		1						1						1					
Maxilla	6	5	1	1		1				1						2	1			1	
Mouth	5	4	1	1	1	1				1						1					
Tongue	10	9	1	1		2		1		1						4	1				
Tonsil	1	1														1				1	
40. Cancer of the stomach and liver—																					
Stomach	173	113	60	16	14	9	9	7	7	13	9	5	5			63	16			24	1
Stomach (operative shock)	3	2	1													2	1			1	
Sarcoma of stomach	5	5				3										2					
Liver (cancer of)	53	27	26	3	4	1	4		4	2	1	4	3			17	10			6	2
Sarcoma of liver	4		4		1		1										2				1
41. Cancer of the peritonæum, intestines rectum—																					
Intestines	40	16	24	1	7	2	1		2		5	2				11	9				
Intestines (operative shock)	2	1	1													1	1				1
Sarcoma of intestines	1	1														1				1	
Rectum (cancer of)	28	15	13	2	3	1	1	1	2				2			11	5			3	1
Rectum (operative shock)	3	2	1													2	1				1
42. Cancer of the female genital organs																					
Uterus	63		63		12		8		8		5		1				29				7
Uterus (operative shock)	4		4														4				2

	Ovary	2		2								1						1						
	Sarcoma of ovary	1		1														1						
	Sarcoma of ovary (operative shock)	1		1														1						
	Vagina (cancer of)	1		1				1																1
	Vagina (operative shock)	1		1														1						
	Sarcoma of vagina	1		1		1																		6
43.	Cancer of the breast	47		47		13		2		5		5		6				16						
	Sarcoma of breast	1		1		1																		
44.	Cancer of the skin—																							
	Of face	14	10	4	2		1		1	1				2				6	1			2		
	Of face (operative shock)	2	2															2				1		
45.	Cancer of other or unspecified organs																							
	Bladder (urinary)	15	8	7		1	1	1	1				1					5	5			2	1	
	Kidney	3	3															3						
	Brain	1	1								1													
	Larynx	8	8		1		1						2					4				1		
	Pharynx	5	3	2	1	1												2	1			2		
	Lung	2		2		1													1					
	Mediastinum	5	5		1		1				1							2						
	Thorax	1		1						1														
	Neck	13	10	3	1	2	1							1				8						
	Penis	2	2															2				1		
	Prostate	4	4															4				2		
	Testicle	1	1															1						
	Sarcoma of bladder (urinary)	2	2				1				1													
	Kidney	2	1	1														1	1					
	Eye	3		3						1		1		1										
	Brain	2	2		2																			
	Elbow	1	1		1																			
	Hip	2	1	1														1	1					
	Ilium	1		1										1										
	Knee	1	1															1						
	Leg	2	1	1								1	1											
	Inguinal glands	1	1															1						
	Lung	1	1					1																
	Mediastinum	5	4	1	1	1							1					2				1		
	Neck	3	1	2										1				1	1					
	Shoulder	1	1															1						
	Shoulder (operative shock)	1	1															1				1		
	Testicle	2	2															2				1		
46.	Other tumors (except of female genital organs) Mediastinum	1	1		1																	1		
	Spine	1	1															1						
47.	Acute articular rheumatism	12	9	3	3	1	2	1	1	1	1		1					1						
48.	Chronic rheumatism and gout	15	5	10		4		1		2	2	1	1	1				2	1					
49.	Scurvy	2	1	1						1								1						

TABLE NO. III—Continued

REPORTS OF DEATHS REGISTERED DURING FISCAL YEAR ENDING JUNE 30, 1914.

Causes of Death (International Classification)	Grand Totals	Males	Females	Place of Death: 1st District		2nd District		3rd District		4th District		5th District		En route to Hospital		Pub. Inst-'t'ns, hospitals, etc		Refugee Camps		Non Resident	
				M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F	M.	F.
50. Diabetes	83	33	50	4	15	2	7	3	8	3	2	1	5			20	13			8	2
51. Exophthalmic goitre	2		2		1												1				
52. Addison's disease	2	1	1		1			1													
53. Leukæmia	5	3	2	1			1		1		1					1					
54. Anæmia, chlorosis	25	15	10	5	4				2	2						8	4			3	3
55. Other general diseases (Purpura Hæmorrhagica)	5	2	3					1	1		1	1				1					
56. Alcoholism	80	65	15	12	2	2	2	1		2	3	2				46	8			2	
57. Chronic lead poisoning	5	5		1		1		1		1						1					
58. Other chronic occupation poisonings																					
59. Other chronic poisonings																					
II. Diseases of the Nervous System.																					
60. Encephalitis	1	1						1													
61. Abscess of Brain	5	4	1	1						1						2	1				
(1) Simple meningitis (cerebral)	18	11	7	2		2		1		1			1			5	6			1	2
Simple meningitis (spinal)	1		1				1														
(2) Cerebrospinal meningitis	21	11	10	2				1	1	1			2			7	7			2	
(3) Cerebrospinal fever (epidemic)	15	10	5	1	1											9	4			1	1
62. Locomotor ataxia	15	11	4	3				1		1	1	1	1			5	2			2	
63. Other diseases of the spinal cord—																					
Paralysis Agitans	6	4	2	2		1			1	1							1				
Bulbar paralysis	5	2	3	1					1				1			1	1				
Acute ascending paralysis	1	1														1				1	
Hematomyelia	1		1														1				
Progressive muscular atrophy	1	1														1					
Myelitis. transverse	7	4	3	1						1		2				2	1				
Sclerosis-lateral	1	1														1					

64. Cerebral hæmorrhage, apoplexy	247	144	103	33	25	14	6	10	14	16	14	6	12	2		63	32			8	6
65. Softening of the brain	10	6	4		4	2				1						3				1	
66. Paralysis without specified cause	8	4	4	1			2			1			1			2	1			2	
Hemiplegia	6	2	4	1	1				2							1	1			1	
67. General paralysis of the insane (Paresis)	13	9	4	1		1		2		1	1					4	3				
68. Other forms of mental alienation (Acute Mania)	3	3														3					
69. Epilepsy	10	4	6	1			1	1		1	4					1	1			1	
70. Convulsions (nonpuerperal)																					
71. Convulsions of infants	8	6	2	3			1	1		1	1					1					
72 Chorea																					
73. Neuralgia and neuritis (multiple neuritis)	6	3	3	1					1			1	1			1	1				
74. Other diseases of the nervous system																					
Tumor of brain	23	14	9	2	2	1			1	2				1		8	6			5	
75. Diseases of the eyes and their annexa																					
76. Diseases of the ears—																					
Otitis media	9	4	5						1		1					4	3			3	1
III. Diseases of the Circulatory System.																					
77. Pericarditis	22	15	7	2	3	2	3	1					1			10				1	
78. Acute endocarditis	38	17	21	3	4	1	3	1		2	2		1	1		9	11			2	2
79. Organic diseases of the heart—																					
(1) Valvular disease	355	200	155	52	35	18	27	15	20	21	22	14	17	1		79	34			24	7
(2) Endocarditis, chronic	117	75	42	11	10	16	8	5	1	5	6	2	3	8		28	14			3	
(3) Fatty heart	18	9	9	4	1		2		1	2	3					3	2				
(4) Myocarditis, chronic	405	245	160	63	49	32	16	20	19	24	18	13	11	12	4	81	43			14	3
80. Angina pectoris	35	23	12	7	6	2	1	4	1	2	1	3	1			5	2			3	1
81. Diseases of arteries, atheroma, aneurysm, etc.—																					
Aneurism of aorta	23	21	2	3		3		1			1	2		2		10	1			2	
Arterio-sclerosis	269	185	84	36	21	8	10	12	9	9	10	8	5	1		111	29			15	4
82. Embolism and thrombosis	27	13	14	5	1		2		1	1	1		3			7	6			2	
83. Diseases of veins (phlebitis)	2	1	1	1							1										
84. Diseases of lymphatic system (lymphangitis, etc.)																					
85. Hæmorrhage; other diseases of circulatory system (Adams-Stokes disease)	1	1														1					
IV. Diseases of the Respiratory System.																					
86. Diseases of the nasal fossæ																					
87. Diseases of the larynx (Laryngitis)	2	1	1		1					1											
Edema of glottis	4	4										1				3					

TABLE NO. III—Continued

REPORTS OF DEATHS REGISTERED DURING FISCAL YEAR ENDING JUNE 30, 1914.

Causes of Death (International Classification)	Grand Totals	Males	Females	Place of Death																	
				1st District		2nd District		3rd District		4th District		5th District		En route to Hospital		Pub. Inst-'t'ns, hospitals, etc		Refugee Camps		Non Resident	
				M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F	M.	F.
88. Diseases of the thyreoid body (Hyperthyreoidism)	2	1	1													1	1			1	1
89. Acute bronchitis	51	27	24	7	8	5	5	1	3	8	3	4	2			2	3				1
90. Chronic bronchitis	38	23	15	5	6	3	1	1	2	1	2	4	1			9	3			1	
91. Bronchopneumonia	271	164	107	33	31	13	11	2	7	20	19	8	9			88	30			11	1
92. Lobar pneumonia	304	204	100	20	25	17	15	9	8	23	15	4	4	3		128	33			16	4
93. Pleurisy	35	23	12	1	4					6		2	2			14	6			2	1
94. Pulmonary congestion (hypostatic pneumonia)	10	6	4	1	1	1		1	1		2	1				2					
95. Gangrene of the lung	3	3		1												2					
96. Asthma	2		2		1						1										
97. Pulmonary emphysema																					
98. Other diseases of the respiratory system (tuberculosis excepted)—																					
Abscess of lung (non-tuberculous)	5	4	1	1		1	1									2					
Chronic inflammation lung	1	1														1					
V. Diseases of the Digestive System.																					
99. Diseases of the mouth and annexa (Thrush)	1	1		1																	
Ulcer of lip	1	1														1					
100. Diseases of the pharynx (pharyngitis)	1		1														1				
Tonsillitis	5	1	4		1						2					1	1				
101 Diseases of the œsophagus (perforation foreign body)	1	1														1					
102. Ulcer of the stomach	36	25	11	4	5	2	1	1	1	1	1	1			1	15	3				
(Operative shock)	2	1	1													1	1			1	
103. Other diseases of stomach (cancer excepted) (gastritis)	22	8	14	1	6		3			2	2					5	3			2	

Cirrhosis of	1		1															1					
Dilatation of	3		3															3					1
Pyloric stenosis	2	2		1													1						
Foreign body in	1	1															1						
104. Diarrhœa and enteritis (under 2 years)—																							
Cholera infantum	3	2	1			1	1			1													
Diarrhœa	9	7	2	1	1	2	1			2		1					1						
Enteritis	28	12	16	2	2	2	3		1	3	7	2	2				3	1					1
Entero-colitis	3	2	1		1	2																	
Gastro-enteritis	58	36	22	11	2	5	5			7	8	3	3				10	4				1	1
Ileo-colitis	3	2	1		1	1		1															
104 Diarrhœa and enteritis (und. 2 yrs.) over)																							
Diarrhœa	3	2	1					1	1	1													
Enteritis	7	5	2	4	1						1						1					1	
Entero-colitis	2		2															2					
Gastro-enteritis	13	6	7	4	1	1	2		1	1								3					
Ileo-colitis	2	2				1				1													
Duodenal ulcer	6	6															6					2	
(Operative shock)	1	1															1						
106. Ankylostomiasis—																							
107. Intestinal parasites—																							
Coccidioides Ophüls	2	2															2					2	
108. Appendicitis	64	42	22	1	2	2	1	1						1			37	19				3	6
(Operative shock)	2		2															2					1
(Operative sepsis)	4	3	1														3	1					
109[1] Hernias	15	9	6	1		1	1				1						7	4				2	1
(Operative shock)	5	4	1														4	1				1	
(Operative sepsis)	1		1															1					
109[2] Intestinal obstruction	25	12	13	2	2	1			1	1	2	1					7	5					1
(Operative shock)	3	1	2														1	2				1	
Intussusception	2	1	1														1	1					
(Operative shock)	1		1															1					
Volvulus	7	6	1	1		1						1					3	1				1	
110. Other diseases of the intestines (abscess ilium)	1	1															1					1	
Ischiorectal abscess	2	2															2						
(Operative shock)	1		1															1					
Fecal fistula	2	2															2					2	
(Operative shock)	1		1															1					1
Perforation of rectum	1		1				1																
Septicemia foll. injury	1	1															1					1	
111. Acute yellow atrophy of the liver	2	1	1					1										1					1
112. Hydatid tumor of the liver																							
113. Cirrhosis of the liver	129	91	38	21	8	14	4	11	1	4	6	7	1	2			32	18				8	1

TABLE NO. III—Continued

REPORTS OF DEATHS REGISTERED DURING FISCAL YEAR ENDING JUNE 30, 1914.

Causes of Death (International Classification)	Grand Totals	Males	Females	Place of Death																	
				1st District		2nd District		3rd District		4th District		5th District		En route to Hospital		Pub. Inst-'t'ns, hospitals, etc		Refugee Camps		Non Resident	
				M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
114. Biliary calculi	21	8	13		1	1			2		1					7	9			3	4
(Operative shock)	2	1	1													1	1				
(Operative sepsis)	1		1														1				
115. Other diseases of the liver—																					
Abscess of	9	5	4		2											5	2				1
Cholangitis	4	1	3													1	3			1	
Cholecystitis	5	3	2	1	1											2	1				1
Congestion of	1	1				1															
116. Diseases of the spleen (abscess of)	1	1																			
117. Simple peritonitis (nonpuerperal)	3	1	2		1											1	1				
118. Other diseases of digestive system (excepting cancer, tuberculosis)																					
Pancreatitis	9	6	3	1		1								1		3	3			1	1
Pancreatic cyst	1	1														1					
Sub-phrenic abscess	1		1														1				
VI. Diseases of the Genito-Urinary System.																					
119. Acute nephritis	59	41	18	8	4	2	4	6	1	4	1	1	1		1	20	6			6	
120. Bright's disease	526	313	213	59	47	29	24	31	16	22	30	16	24	6	2	150	70			28	12
121. Chyluria																					
122. Other diseases of the kidneys and Adnexa—																					
Abscess of	2	1	1			1											1				
Tumor of	5	2	3	1					1							1	2				1
(Operative shock)	2	2														2				1	
Pyeloneprithis	10	7	3					1	1							6	2				
123. Calculi of the urinary passages	2	2		1												1					
124. Diseases of the bladder																					
Cystitis, chronic	13	11	2	2					2							9				2	1

125. Diseases of the urethra (stricture of)	2	2														2				1		
126. Diseases of the prostate (abscess of)	2	2														2				1		
Hypertrophy of	10	10		3				2								5				1		
(Operative shock)	1	1														1						
127. Nonvenereal diseases of male genital organs																						
Septicemia foll. circumcision	1	1														1						
128. Uterine hæmorrhage (nonpuerperal)																						
129. Uterine tumor (noncancerous)—																						
Fibro-myoma of	11		11		2		1										8				2	
(Operative shock)	8		8														8				4	
(Operative sepsis	1		1														1					
130. Other diseases of the uterus (Pelvic Abscess)	2		2				1										1					
(Operative shock)	1		1														1					
(Operative sepsis	1		1														1					
Septicemia foll. Fixation Uterus	1		1														1				1	
131. Cysts and other tumors of the ovary	3		3														3					
(Operative shock)	4		4														4				2	
(Operative sepis)	1		1														1					
132. Salpingitis and other diseases of female genital organs (Salpingitis)	9		9				1										8					
(Operative shock)	1		1														1					
(Operative sepsis)	1		1														1				1	
133. Nonpuerperal diseases of the breast (cancer excepted)—																						
VII. The Puerperal State.																						
134. Accidents of pregnancy—																						
Abortion (self-induced)	4		4														4					
Abortion (criminal)	6		6		1												5				1	
Extrauterine pregnancy	4		4		1												3					
Miscarriage	2		2														2					
Vomiting of pregnancy	1		1														1					
135. Puerperal hæmorrhage	2		2									1					1					
136. Other accidents of labor—																						
Cesarian section	1		1														1					
Rupture of uterus	1		1														1					
137. Puerperal septicæmia	12		12		1												11					
138. Puerperal albuminuria and convulsions	28		28		2		1				3		2				20				1	
139. Puerperal phlegmasia alba dolens	2		2		1				1													
140. Following childbirth (not otherwise specified)																						
141. Puerperal diseases of the breast																						

TABLE NO. III—Continued

REPORTS OF DEATHS REGISTERED DURING FISCAL YEAR ENDING JUNE 30, 1914.

Causes of Death (International Classification)	Grand Totals	Males	Females	Place of Death																	
				1st District		2nd District		3rd District		4th District		5th District		En route to Hospital		Pub. Inst-'t'ns, hospitals, etc		Refugee Camps		Non Resident	
				M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F	M.	F.
VIII. Diseases of the Skin.																					
142. Gangrene (Stomatitis)	1	1														1					
Of leg	5	4	1	1						1						2	1			1	
Of scrotum	1	1														1					
From ingrowing toe nail	1	1						1													
143. Furuncle—																					
Septicemia foll. carbuncle	1	1				1														1	
144. Acute abscess (of neck)	1	1														1				1	
Multiple abscess (septicemia foll.)	1	1														1				1	
145. Other diseases of the skin and annexa (Eczema, septic, foll.)	1	1								1											
Herpes zoster	1	1														1					
Impetigo contagiosa	2		2														2				1
Ulcer of leg	1		1						1												
Pemphigus	1		1														1				
IX. Diseases of the Bones.																					
146. Diseases of the bones (tuberculosis excepted)—																					
Mastoiditis (septicemia foll.)	6	3	3								1					3	2			3	1
Necrosis maxilla	1	1														1					
Osteomyelitis, multiple	5	5														5				1	
(Operative sepsis)	1		1														1				1
(Septicemia foll.)	2	2														2				1	
147. Diseases of the joints (excepting tuberculosis and rheumatism)																					
148. Amputations																					
149. Other diseases of the organs of locomotion																					

X. Malformations.																						
150. (1) Hydrocephalus	5	1	4						1	1	2						1					
(2) Congenital malformation of heart	31	23	8	3	1	2		5	1	4	2		1				9	3				
(3) Other congenital malformations—																						
Of brain	2	2															2					
Of intestines	8	2	6		2		1				2						2	1				
Pyloric stenosis	3	3								1							2				1	
Spina bifida	5	1	4	1							1							3				
XI. Diseases of Early Infancy.																						
151. (1) Premature birth	135	77	58	21	7	15	9	5	3	6	17	4	3				26	19				1
(2) Congenital debility, "atrophy," "marasmus," etc.	29	14	15		2	4	5	3		5	5						2	3				
Atelectasis	26	12	14	4	4		3			2	4	2	1				4	2				
Icterus neonatorum	4	2	2				1	1			1						1					
152. Other diseases peculiar to early infancy (asphyxia neonatorum)	9	4	5					1	1	2	2		1				1	1				
Melena neonatorum	1		1		1																	
Application Forceps	11	5	6	1						2	2						2	4				
Cesarian section	1	1															1					
Difficult labor	5	5		2				1				1					1					
Placenta previa	1	1										1										
Suffocation under bed clothes	3	2	1	1			1			1												
153. Lack of care (exposure)	8	4	4	1	1			1				1	1		1	1	1					
XII. Old Age.																						
154. Senility	54	19	35	6	9	3	5		5	4	5		3				6	8				
XIII. Affections Produced by External Causes.																						
155. Suicide by poison—																						
Arsenic	1	1															1					
Bi-chloride mercury	11	6	5												1		6	4				
Carbolic acid	5	5				1						1		2			1					
Chloroform	3	2	1			1											1	1				
Cyanide potassium	9	8	1	4	1					1				2			1					1
Iodine	1		1															1				
Lysol	3	1	2			1	1											1				
Morphine	1		1		1																	
Opium	1	1																				
Strychnine	4	4				1				1							1					
																	2					

TABLE NO. III—Continued

REPORTS OF DEATHS REGISTERED DURING FISCAL YEAR ENDING JUNE 30, 1914.

Causes of Death (International Classification)	Grand Totals	Males	Females	Place of Death: 1st District		2nd District		3rd District		4th District		5th District		En route to Hospital		Pub. Inst-'t'ns, hospitals, etc		Refugee Camps		Non Resident	
				M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
156. Suicide by asphyxia (illuminating gas)	63	49	14	17	6	14	2	4	1	4	1	3	1	3	1	4	2				1
157 Suicide by hanging or strangulation	9	9		5				1				2		1							
158. Suicide by drowning	7	4	3										1	4	2						
159. Suicide by firearms	91	84	7	19	1	15		6	3	4		5	1	20		15	2			5	
160. Suicide by cutting or piercing instruments	17	16	1	4						2		1		2		7	1			1	
161. Suicide by jumping from a high place (window)	3	2	1													2	1			1	
162. Suicide by crushing (under electric car)	1	1														1					
(Under railroad train)	1	1		1																	
163. Other suicides (voluntary starvation)	1	1														1					
164. Poisoning by food—																					
Ptomaine (from clam soup)	1	1														1					
From corned beef	1	1				1															
From cranberries	1		1														1				
Unqualified	2	1	1		1			1													
Bi-chloride mercury (acid, self-administered)	3	2	1													2	1				
165. Other acute poisonings—																					
Carbolic acid (self-administered)	1	1						1													
Cocaine (self-administered)	1	1		1																	
Chloral (self-administered)	1	1														1					
Cyanide potassium (self-admin.)	2	2		1						1											
Lysol (self-administered)	1	1														1				1	
Strychnine (self-administered)	1		1														1				
Strychnine (unknown source)	1	1								1											
166. Conflagration	3	2	1	1												1	1				

167. Burns—																						
Ignition clothing from cigarette	1		1														1					
Ignition clothing from gasoline	2	2		1												1						
Ignition clothing from gas-stove	2		2														2					
Explosion kerosene lamp	1		1							1												
Explosion kerosene stove	1		1														1					
Accidental ignition bed-clothes	2	1	1													1	1					
From open grate	1	1														1						
Playing with matches	6	4	2					1								3	2					
From boiling water	1	1														1						
From hot water bottle	1	1						1														
From escaping steam	2	2														2						
168. Absorption of deleterious gases (conflagration excepted)—																						
Illuminating gas (accidental)	53	40	13	19	5	8	5	1		5	1			4		3	2			1		
Smoke (from burning hay)	1	1												1								
Paint fumes in tank	1	1		1																		
Sulphide hydrogen gas in sewer	2	2		1												1						
Chloroform anesthesia	3	1	2		1											1	1				1	
169. Accidental drowning (In bay of S.F.)	39	38	1											38	1							
Accidental drowning (In pond)	1	1									1											
Accidental drowning (In reservoir)	2	2						2														
170. Traumatism by firearms	5	5		1				1								3						
171. Traumatism by cutting or piercing instruments																						
172. Traumatism by fall																						
Over balustrade	2	2		1												1						
From bed	1		1														1					
From bridge	1		1														1					
From building	16	15	1					1		1				4		9	1					
From over cliff	2	2		1										1								
From traveling crane	1	1												1								
Into dry dock	1	1												1								
Down elevator shaft	2	2												1		1						
From flag pole	1	1												1								
On floor	17	2	15		6				3		1	1				1	5					
From ladder	4	4												2		2						
From loft	3	3				1										2						
On pavement	14	11	3	2					1	1						8	2					
From scaffold	4	4														4						
From breaking scaffold (defective)	3	3												1		2						
Into hold of ship	2	2														2						
Down stairs	10	8	2	1	2									1		6					1	
Into tank	1	1														1					1	
From telegraph pole	1	1														1						

TABLE NO. III—Continued

REPORTS OF DEATHS REGISTERED DURING FISCAL YEAR ENDING JUNE 30, 1914.

Causes of Death (International Classification)	Grand Totals	Males	Females	Place of Death																			
				1st District		2nd District		3rd District		4th District		5th District		En route to Hospital		Pub. Inst't'ns, hospitals, etc		Refugee Camps		Non Resident	
				M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F	M.	F.
Into trench	1	1														1				1	
From wharf	1	1														1					
From window	8	8		2						1						5					
172a. Crushed by elevators	7	7		4		1										2					
173. Traumatism in mines and quarries	2	2														2					
174. Traumatism by machines																					
Crushed in concrete mixer	1	1		1																	
Crushed by crank shaft	1	1														1					
Crushed in fly-wheel	1	1		1																	
Crushed in tube expander	1	1														1					
175[1]. Railroad accidents and injuries—																					
Run over by train	6	6		1		2										3				2	
Struck by locomotive	5	5								1						4				3	
Crushed between cars	3	3														3				1	
175[2]. Street car accidents and injuries—																					
Fall from electric car	2	1	1													1	1				
Run over by electric car	8	6	2			1				1	1			1		4					
Struck by electric car	11	8	3					1						3		5	2				
Crushed between electric cars	1	1														1					
Collision bet. electric car and train	1	1														1					
Fall from cable car	1	1														1					
Run over by cable car	2	1	1													1	1				
Struck by cable car	1		1														1				
175[3]. Automobile accidents and injuries—																					
Crushed by overturning auto	1	1														1				1	
In collision between autos	1	1														1					
Run over by auto	6	4	2	1			1							1	1	2					
Struck by auto	18	13	5	1										3		9	5				
Collision bet. auto and motorcycle	2	2														2				1	
Collision bet. auto and train	1		1														1				1

175[4]. Injuries by other vehicles—																							
Struck by motorcycle	3	3									1				1		1						
Collision bet. motorcycle and electric car	2	2		1													1						
Collision bet. bicycle and wagon	1	1				1																	
Collision bet. electric car and wagon	2	2													1		1						
Fall from wagon	1	1										1											
Run over by wagon	5	5		1							1				2		1						
Thrown from wagon in runaway	1	1		1																			
175[5]. Landslide—other crushing—																							
By caving earth	6	6		2				1			2						1						
By falling freight chute	1	1															1						
By rolling log	1	1															1				1		
By falling freight	3	3													1		2						
By falling lumber	3	3															3				1		
By falling truss	1	1															1						
176. Injuries by animals—																							
Fall from horse	1	1															1						
Kicked by horse	1	1															1				1		
177. Starvation																							
178. Excessive cold																							
179. Effects of heat	1	1															1				1		
180. Lightning																							
181. Electricity (lightning excepted)	2	2									1				1								
182. Homicide by firearms	39	24	15	3	4	1	2				2	3		1	3	1	15	4					
183. Homicide by cutting or piercing instruments	6	4	2		1		1										4						
184. Homicide by other means (Blows)	9	8	1								1						7	1			1		
(In fist fight)	2	2															2						
(Thrown from window)	1	1															1						
185. Fractures—																							
Leg (by bale of hay)	1	1															1						
Skull (dive into river)	1	1															1				1		
Skull (manner unknown)	2	2				1											1						
Spine (dive in swimming tank)	1	1															1						
186. Other external violence—																							
Rupture femoral artery (flying glass)	1	1															1						
Rupture intestines (fall on timber)	1	1															1						
Traumatic perforation abdomen	1	1															1						
XIV. Ill-Defined Diseases.																							
187. Ill-defined organic disease																							
188. Sudden death																							
189. (1) Cause of death ill-defined (Inanition—over 3 months)	10	3	7	2	2						1	4						1				1	
(2) Cause of death not specified or unknown—																							
Undetermined cause	1	1															1						
Decomposed remains	1	1												1									

TABLE No. IV.

DEATHS BY SANITARY DISTRICTS, PUBLIC INSTITUTIONS, HOSPITALS, ETC., ARRANGED ACCORDING TO MONTHS—FISCAL YEAR ENDING JUNE 30, 1914.

Location	Grand Totals	Males	Females	1913												1914											
				July		Aug.		Sept.		Oct.		Nov.		Dec.		Jan.		Feb.		Mar.		Apr.		May		June	
				M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
Deaths from all Causes	6855	4287	2568	334	189	303	196	316	203	386	238	331	197	400	233	371	240	378	209	413	226	365	242	343	198	347	197
Sanitary Districts.																											
First	1356	789	567	69	33	57	46	55	33	61	43	57	43	67	56	66	64	87	51	76	53	76	67	56	42	62	36
Second	693	400	293	24	20	26	15	27	28	41	30	32	22	37	28	40	29	46	25	34	32	28	24	34	19	37	21
Third	462	244	218	19	20	16	25	24	16	25	19	17	12	28	21	14	18	20	21	23	15	20	16	23	16	15	19
Fourth	725	376	349	39	28	26	26	31	27	26	29	28	32	38	24	27	27	24	37	30	30	35	35	41	22	31	32
Fifth	364	188	176	10	10	11	11	15	19	27	18	11	12	22	19	15	19	12	9	16	21	19	14	18	15	12	9
Totals	3600	1997	1603	161	111	136	123	152	123	180	139	145	121	192	148	162	157	183	143	179	151	178	15	172	114	157	117
Hospitals and Institutions Under Control of Board of Health.																											
City and County Hospital	485	372	113	28	11	23	8	23	11	34	13	24	5	34	14	34	12	29	4	45	6	42	6	19	13	37	10
Tuberculosis Hospital	288	245	43	19	2	13	2	18	2	20	2	21	2	20	4	20	4	23	2	24	3	20	7	20	7	27	6
Isolation Hospital	37	28	9	....	....	1	1	1	1	1	....	3	2	1	1	6	1	2	1	5	1	....	....	6	1	2	....
Relief Home Aged Infirm	182	131	51	9	2	10	4	9	5	12	9	14	1	18	4	9	5	10	5	9	5	10	2	11	6	10	3
Central Emergency Hospital	214	177	37	6	2	28	2	13	4	16	4	10	4	27	7	18	6	15	....	16	3	9	4	9	....	10	1
Harbor Emergency Hospital	17	15	2	1	....	....	1	2	....	3	....	....	....	4	....	1	....	1	....	....	....	....	....	....	1	2	....
Mission Emergency Hospital	6	5	1	1	....	2	....	....	....	....	....	....	....	....	1	....	....	....	....	1	....	....	....	....	....	1	....
Park Emergency Hospital	7	5	2	....	....	1	....	....	2	1	....	....	....	1	....	....	....	1	....	....	....	1	....	....	....	....	....
Potrero Emergency Hospital	2	2	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....
Smallpox Hospital	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Leper Hospital	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Jails and Prisons	1	1	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Totals	1239	981	258	65	17	78	18	66	25	88	28	72	14	105	31	88	28	82	12	100	18	82	19	66	28	89	20
Other Hospitals, Sanatoria Homes and Asylums.																											
Adler Sanatorium	34	23	11	3	....	1	1	2	5	2	2	3	....	3	....	2	....	1	....	1	2	1	1	4	....	....	....
Alexander Maternity Hospital	3	2	1	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	1	....	....	1	....

Bering Sanatorium	3	1	2													1				1			1		
Buena Vista Sanatorium	33	22	11	4	2	2		1	1	1		2	4			1	2			4		4	1	2		1	1
Children's Hospital	60	28	32	3	7	2	1	2	2	2	5	4	2	1	1	4	2	4	2	4	3	1	2	1	2		3
Florence Crittenden Home	1		1																1								
French Hospital	75	55	20	4		3		4	3	4	4	6	1	7	4	6		4	3	6	3	4		4	1	3	1
German Hospital	185	115	70	13	5	7	6	9	6	16	7	10	5	6	5	7	6	11	6	12	1	6	7	9	7	9	9
Hahnemann Hospital	69	35	34	3	3	1	3	2	4	6	2	3	1	1	5		3	4	3	5	3	2	4	6	2	2	1
Hebrew Home Aged Disabled	3	2	1									1	1			1											
Home for Aged (Little Sisters of Poor)	46	17	29	1	2		1	3		3	1	1	2		2	4	1	1	3		5	1	5	1	5	2	2
Home for Incurables	12	6	6		1		2		1			1						1	1	1		1			1	2	
Infants Shelter	1		1																		1						
Irving Sanatorium	4	3	1	1																		1	1	1			
Koerber Sanatorium	9	5	4									1	1	1	1			2		1	1				1		
Lane Hospital	168	114	54	14	5	9	6	10	3	8	6	7	4	11	3	12	6	7	3	10	5	10	8	8	3	8	2
Lords Sanatorium	1	1		1																							
Mary's Help Hospital	106	47	59	3	7	5	6	1	5	1	6	3	7	5	3	3	6	8	5	7	3	6	4	5	5		2
McNutt Hospital	64	40	24	2	3	5	3	5	1	5	1	5	4	1		4	1	2	3	4		2	4	4	2	1	2
Morton Sanatorium	16	9	7	1	1		1						1	2		1		1		1		1	1	2	1		2
Mt. St. Joseph Infant Asylum	15	12	3	2		1		2				1	1		2		2	1			1		1	1			
Mt. Zion Hospital	37	21	16	1		2	2	2					1	2	2		1	1		2	3	3	3	3	2	3	4
Old Ladies' Home (Lick)	1		1		1																						
Old Ladies' Home (Prot. Ep.)	2		2								1																1
Old Peoples Home	18	9	9							1	1		1	3			3	3	1			1	1	1	1		1
Pacific Hebrew Home	2	2												1								1					
Robinson Sanatorium	2	2				1				1																	
St. Catherines Home	1		1		1																						
St. Francis Hospital	120	75	45	11	1	7	7	3	3	3	6	11	5	5	8	7	4	8	1	10	4	2		6	2	2	4
St. Joseph's Hospital	135	80	55	7	4	4	3	4	4	7	8	10	3	8	8	10	3	6	6	8	5	3	7	5	2	8	2
St. Luke's Hospital	138	92	46	7	2	4	3	7	8	3	3	7	3	11	2	11		7	4	10	3	10	4	8	5	7	9
St. Mary's Hospital	126	67	59	3	7	5	3	5	3	6	4	4	6	6	3	11	6	10	5	4	5	3	5	4	4	6	8
St. Winifred Hospital	34	21	13	1	2	2		1				4	2	1	2		2	2	2		4		2	1	1	2	2	1
S. P. Railroad Hospital	84	82	2	7		5		5		13		1	8		3		7		3		9		6		5	1	11	
Thomas Sanatorium	13	7	6	1	1		1	1				2			1				2	1	1			1	1			
Trinity Hospital	40	25	15	1	1	3	1		2	5	1	1	2				2		3	1		3	5		3	1	2	3
University California Hospital	76	46	30	2	2	4	4	5	2	5	2	4	2	1	4	5	3				7	1	3	5	5	4	5	1
Union Iron Works Hospital	8	8						2		2						1		1		1		1						
Wakefield Sanatorium	4	3	1												1			1				1		1			
Florence Ward Sanatorium	9	2	7		1				1				1			1	2		1	1							1
Totals	1758	1079	679	96	59	73	54	76	54	94	68	97	59	83	50	105	53	92	52	115	52	82	67	90	55	76	56

TABLE No. IV.—Continued.

DEATHS BY SANITARY DISTRICTS, PUBLIC INSTITUTIONS, HOSPITALS, ETC., ARRANGED ACCORDING TO MONTHS—FISCAL YEAR ENDING JUNE 30, 1914.

Location	Grand Totals	Males	Females	1913												1914											
				July		Aug.		Sept.		Oct.		Nov.		Dec.		Jan.		Feb.		Mar.		Apr.		May		June	
				M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
United States Institutions.																											
U. S. Marine Hospital	40	40		5		2		4		3		5		3		1		4		4		2		4		3	
Letterman General (Army)	44	34	10	3	1	3		4		1	2	4		2			1	1	2	4	3	5		2	1	5	
Presidio Reservation																											
Alcatraz Island																											
Angel Island	1	1																						1			
Yerba Buena Island Naval Station	5	5						2		1												1				1	
Totals	90	80	10	8	1	5		10		5	2	9		5		1	1	5	2	8	3	8		7	1	9	
En Route to Hospital	97	84	13	1	1	9	1	7	1	10	1	4	2	10	3	5		11		4	2	11		4		8	2
Bay of San Francisco	45	43	2	3		1		1		5		3	1	4	1	7		5		6		1		1		6	
Pacific Ocean	2	2						1												1							
On Vessels in Bay, etc.	12	11	1					2		3		1		1		2								2			1
Golden Gate and other Parks	12	10	2			1		1		1						1	1					3		1		2	1
Totals	168	150	18	4	1	11	1	12	1	19	1	8	3	15	4	15	1	16		11	2	15		8		16	4

TABLE No. V.

NATIVITIES OF DECEDENTS ARRANGED ACCORDING TO MONTHS—FISCAL YEAR 1913-14.

	Grand Totals	1913						1914					
		July	August	Sept.	October	November	December	January	February	March	April	May	June
Total Deaths During Year	6855	523	499	519	624	528	633	611	587	639	607	541	54
NATIVITIES.													
San Francisco	1053	73	74	82	103	83	82	83	96	115	106	87	69
Other Parts of California	1099	102	87	83	116	76	104	84	86	85	101	84	91
Other States and Territories.													
Alabama	13	.....	.....	2	.....	2	1	2	2	2	.....	.....	2
Alaska	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Arizona	2	.....	.....	.....	.....	.....	.....	1	1	.....	.....	.....	.....
Arkansas	12	1	.....	.....	1	1	3	3	1	.....	1	1	.....
Colorado	9	1	.....	.....	.....	.....	.....	3	.....	2	1	.....	2
Connecticut	10	1	1	.....	2	1	.....	.....	2	.....	2	.....	1
Delaware	3	1	1	.....	.....	1	.....	.....	.....	.....	.....	.....	.....
District of Columbia	5	.....	.....	2	1	1	.....	.....	.....	.....	1	.....	.....
Florida	2	.....	.....	.....	.....	.....	.....	1	.....	1	.....	.....	.....
Georgia	15	1	1	1	.....	1	1	2	.....	3	1	3	1
Territory of Hawaii	9	.....	2	1	1	.....	1	.....	.....	3	.....	1	.....
Idaho	8	1	1	1	.....	2	.....	.....	1	.....	.....	1	1
Illinois	93	8	5	8	6	12	6	6	7	15	9	4	7
Indiana	33	1	1	1	7	2	5	2	3	2	3	5	1
Indian Territory	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Iowa	40	2	3	3	2	5	2	2	4	5	3	6	3
Kansas	20	1	3	2	4	.....	2	4	.....	.....	1	1	2
Kentucky	37	1	1	3	5	5	2	4	2	5	2	3	4
Louisiana	28	4	3	1	4	2	2	4	3	2	1	2	.....
Maine	49	3	2	2	5	5	6	6	3	5	.....	6	6
Maryland	24	1	1	2	4	1	.....	3	2	4	1	2	3
Massachusetts	130	12	6	6	16	11	14	10	9	10	16	11	9
Michigan	35	3	1	3	2	3	3	2	6	4	1	3	4
Minnesota	29	1	3	1	2	1	4	2	3	3	5	2	2
Mississippi	13	.....	1	.....	1	4	1	3	.....	1	.....	1	1
Missouri	56	5	3	6	6	1	4	7	5	7	4	6	2
Montana	1	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....
Nebraska	5	1	.....	1	1	1	1	.....	.....	.....	.....	.....	.....
Nevada	23	2	1	3	4	1	3	2	1	1	2	2	1
New Hampshire	12	2	2	1	.....	.....	2	1	.....	1	.....	.....	3
New Jersey	29	2	1	1	3	4	4	5	4	3	.....	1	1
New Mexico	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
New York	297	22	18	25	23	21	27	26	27	31	26	20	37
North Carolina	6	.....	1	.....	.....	1	1	1	.....	.....	1	.....	1
North Dakota	4	1	.....	.....	.....	.....	2	.....	1	.....	.....	.....	.....
Ohio	125	7	12	12	8	10	11	7	16	11	9	9	13
Oklahoma	5	.....	.....	1	.....	1	.....	.....	.....	1	2	.....	.....
Oregon	22	1	2	1	6	.....	1	1	4	2	1	2	1
Pennsylvania	89	7	6	7	9	6	4	5	10	7	6	10	12
Rhode Island	9	2	.....	1	.....	.....	.....	2	.....	1	1	.....	2
South Carolina	6	1	.....	.....	1	.....	.....	.....	.....	.....	.....	3	1
South Dakota	4	1	.....	1	.....	.....	.....	1	.....	.....	1	.....	.....
Tennessee	14	2	.....	1	1	.....	1	1	1	3	2	1	1
Texas	15	.....	2	1	1	1	2	.....	2	1	1	2	2
Utah	6	1	1	.....	1	.....	1	.....	1	1	.....	.....	.....
Vermont	14	1	1	1	1	1	1	.....	1	1	3	3	.....
Virginia	24	1	.....	2	2	1	1	3	6	1	4	3	.....
Washington	22	3	3	2	1	3	2	4	.....	2	.....	1	1
West Virginia	6	.....	2	1	1	.....	.....	.....	.....	.....	.....	1	1
Wisconsin	31	3	3	1	3	2	3	3	2	3	3	2	3
Wyoming	2	.....	1	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
Totals	1447	108	95	108	135	114	124	130	130	145	109	118	131

TABLE No. V—Continued.

NATIVITIES OF DECEDENTS ARRANGED ACCORDING TO MONTHS—FISCAL YEAR 1913-14.

	Grand Totals	1913						1914					
		July	August	Sept.	October	November	December	January	February	March	April	May	June
Foreign Countries.													
Austria	77	3	6	6	4	3	5	10	5	9	9	8	9
Australia	30	2	4	3	3	1	2	3	2	4	1	2	3
Belgium	4				1					1	1	1	
Canada	93	4	9	4	7	11	10	13	7	5	9	3	11
Central America	4	2								1	1		
China	178	10	18	17	15	17	12	10	17	14	13	17	18
Denmark	51	3	3	7	3	2	3	7	3	5	7	3	5
Egypt	1												1
England	205	14	16	9	20	20	24	21	15	20	13	19	14
Finland	32	2	1		4	5	5	2	4	3	4		2
France	132	5	6	8	9	9	18	11	14	9	12	14	17
Germany	580	44	44	52	46	51	48	53	43	54	47	53	50
Greece	24	4	2	1	1	4	2	2	2	3	1	1	1
Guam	1										1		
Holland	7				1		1	3		1			1
Hungary	9			1	2	3			1		1		1
India	2				1							1	
Iceland	782	61	53	60	63	48	81	84	83	71	75	55	48
Isle of Man	2		1								1		
Italy	253	19	13	13	21	24	25	29	19	24	27	13	26
Japan	38	4	1	2	2	2	5		5	5	6	4	2
Korea	1												1
Mexico	34	4	1	4	2	3	3	8	2		3	3	1
New Brunswick	15	4	1			2				4	2	1	1
Newfoundland	1							1					
New Zealand	3									1		1	1
Norway	65	4	8	6	7	5	5	4	5	5	4	7	5
Nova Scotia	27	3		7	3		4	2	1		4	1	2
Philippines	8		1		1	1	3		1		1		
Porto Rico	7			2	1				1	1	1	1	
Portugal	21	2	3	2		2	1	2		1	2	5	1
Roumania	2								1				1
Russia	81	7	10	8	5	7	9	4	7	3	8	6	7
Samoa	1						1						
Scotland	66	7	4	2	9	8	11	5	3	9	4	4	
South America	13			2		4	1	1	1	1	2	1	
Spain	24	1		1	5	2	4	2	3	3	1	1	1
Sweden	106	9	11	6	6	7	9	9	12	11	7	12	7
Switzerland	47	4	5	5	3	3	5	1	3	3	10	1	4
Turkey	6					1	1		1			2	1
Wales	9		1		2	1	2	2			1		
West Indies	2							1		1			
Totals	3049	222	222	228	247	246	300	290	261	272	279	240	242
At Sea	1									1			
Unknown	206	18	21	18	23	9	23	24	14	21	12	12	11

TABLE NO. VI.

REPORTS OF INTERMENT, CREMATION AND SHIPPING PERMITS ISSUED DURING FISCAL YEAR 1913-14.

TO	1913						1914						TOTALS
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	
San Francisco Cemeteries													
Calvary Receiving Vault	0	0	0	0	0	0	0	0	0	0	0	0	0
I. O. O. F. Rec. Vault	1	0	0	0	0	0	0	0	0	0	0	1	2
I. O. O. F. (For Cremation)	0	0	0	0	0	0	0	0	0	0	0	0	0
Laurel Hill Vault	0	2	1	2	0	3	0	1	2	0	0	0	11
Masonic Vault	0	0	0	0	0	0	0	0	0	0	0	0	0
National Presidio	15	7	17	14	13	17	15	13	7	10	13	14	155
U. S. Marine Hospital	0	0	0	0	0	0	0	0	0	0	0	0	0
Yerba Buena Island	0	0	0	0	0	0	0	0	0	2	0	1	3
San Mateo County Cemeteries													
Cypress Lawn (Interments)	49	41	45	33	48	47	55	38	49	45	46	52	548
Cypress Lawn (Cremations)	84	107	95	115	84	121	101	90	94	109	100	105	1205
Eternal Home	4	3	2	2	4	2	4	2	1	2	3	3	32
Green Lawn	3	6	6	8	5	6	9	6	9	5	3	5	71
Hills of Eternity	7	4	6	2	4	9	5	2	7	5	7	7	65
Holy Cross	178	138	165	206	160	216	181	192	181	183	154	152	2106
Home of Peace	2	7	7	4	2	3	4	6	6	10	6	8	65
Italian	33	18	23	33	33	40	40	38	43	42	39	37	419
Japanese	0	1	0	0	0	2	0	2	1	1	3	0	10
Mt. Olivet	51	69	69	87	72	84	83	76	81	90	85	72	919
Salem	16	7	9	14	8	8	10	14	14	13	14	15	142
San Mateo—Indigent	0	0	0	0	0	0	0	0	0	0	0	0	0
San Mateo—Chinese	11	14	16	16	20	13	12	28	16	18	19	19	202
Servian	1	2	0	0	2	0	1	0	0	1	1	1	9
Sunset—Indigent	57	42	31	50	29	60	63	41	80	39	45	41	578
Woodlawn	10	12	6	11	7	7	12	3	11	6	3	6	94
Medical Colleges	4	4	8	20	12	13	9	5	3	3	8	6	95
Outside Points	76	84	85	87	83	72	76	78	101	91	72	72	977
Mt. Olivet—Cremations	18	16	9	16	10	9	19	13	15	15	19	17	176
Total	620	584	600	720	596	732	699	648	721	690	640	634	7884
No. of Indigent Dead Interred	62	56	37	62	40	72	72	64	85	59	61	58	728

TABLE NO. VII.

REPORT OF DISINTERMENT AND REMOVAL PERMITS ISSUED DURING FISCAL YEAR 1913-1914.

CEMETERIES	1913						1914						Totals
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	
DISINTERMENTS FROM.													
Calvary Cemetery	39	19	21	68	14	12	6	22	26	39	18	42	326
City Cemetery	0	0	2	0	0	0	0	0	3	0	2	0	7
I. O. O. F. Cemetery (Bodies).	11	17	7	16	7	12	15	32	58	28	29	18	250
I. O. O. F. Cemetery (Ashes)	2	2	0	0	0	0	0	2	0	1	0	0	7
Laurel Hill Cemetery	4	6	10	11	0	13	1	6	6	9	12	3	81
Masonic Cemetery	14	62	7	16	4	22	5	2	4	28	79	20	263
Mission Dolores Cemetery	0	0	0	0	0	0	0	0	0	0	0	0	0
National (Presidio) Cemetery	0	0	0	0	0	0	0	0	0	0	0	0	0
U. S. Marine Hospital Cem	0	0	0	0	0	0	0	0	0	0	0	0	0
Cooper Medical College	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	70	106	47	111	25	59	27	64	97	105	140	83	934
REMOVALS TO													
Cypress Lawn Cemetery	13	21	10	18	0	13	1	7	21	34	30	12	180
Eternal Home Cemetery	0	0	0	0	0	0	0	0	0	0	0	0	0
Green Lawn Cemetery	3	0	0	4	1	0	2	12	0	3	3	4	32
Hills of Eternity Cemetery	0	0	0	0	0	0	0	0	0	0	0	0	0
Holy Cross Cemetery	37	18	17	63	11	14	8	21	26	36	17	40	308
Home of Peace Cemetery	0	0	0	0	0	0	0	0	0	0	1	0	1
Italian Cemetery	0	2	2	6	0	1	0	0	2	2	2	0	17
Japanese Cemetery	0	0	0	0	0	0	0	0	0	0	0	0	0
Mt. Olivet Cemetery	4	3	1	2	5	6	8	15	35	19	13	10	121
Salem Cemetery	0	0	0	0	0	0	0	0	0	0	0	0	0
San Mateo (Chinese) Cemetery.	0	0	0	0	0	0	0	0	0	0	0	0	0
Sunset Cemetery	0	0	0	0	0	0	0	0	0	0	0	0	0
National, S. F. Cemetery	0	0	0	0	0	0	0	0	0	1	3	0	4
Woodlawn Cemetery	7	54	10	13	4	18	1	0	2	3	64	10	186
I. O. O. F. Crematory	0	0	0	0	0	0	0	0	0	0	0	0	0
Laurel Hill Cemetery (Ashes).	0	0	0	0	0	0	0	0	0	0	0	0	0
Masonic Cemetery (Ashes)	0	0	0	0	0	0	0	0	0	0	0	0	0
To Homes (Incinerated Ashes)	0	0	0	0	0	0	0	1	0	0	1	0	2
Cal. Interior (Bodies)	1	7	7	4	1	6	5	8	10	5	6	5	65
Cal. Interior (Ashes)	4	0	0	0	0	0	0	0	0	0	0	0	4
Other States	1	1	0	1	3	1	2	0	1	2	0	2	14
Total	70	106	47	111	25	59	27	64	97	105	140	83	934
Fees collected	$10.00	$10.00		$10.00	$30.00	$10.00	$20.00		$10.00	$10.00		$20.00	$130.00

Poundkeeper's Report

ANNUAL REPORT OF THE PUBLIC POUND FOR THE FISCAL YEAR ENDING JUNE 30th, 1914.

To His Honor the Mayor of the City and County of San Francisco.

As per requirements of the Charter, we herewith submit our annual report for the fiscal year just ended.

Dogs on hand July 1st, 1913		129
Impounded during the year		6,488
Redeemed	1,210	
Sold	336	
Released on licenses	426	
Destroyed	4,589	
On hand June 30, 1914	56	
	6,617	6,617

LARGE STOCK.

Impounded		305
Redeemed	273	
Sold	3	
Destroyed	30	
	305	305

SMALL STOCK.

Impounded		179
Redeemed	146	
Sold	18	
Destroyed	15	
	179	179

A total of 5,144 cats were brought to the Pound and destroyed during the year.

CASH STATEMENT.

Received for dogs redeemed and released on licenses	$ 3,341.10
Received for dogs sold	1,008.00
Received for large stock redeemed	891.30
Received for large stock sold	67.50
Received for small stock redeemed	242.50
Received for small stock sold	30.25
	$ 5,580.65

All the above cash was paid into the City Treasury, as per receipt attached to monthly reports on file in the Board of Supervisors' and Auditor's offices.

SUMMARY.

City received from the Poundkeeper in fees	$ 5,580.65
City received from sale of 3,911 dog licenses	7,822.00
City received from the sale of duplicate tags	155.00
Total received by the City	$13,557.65
Due and paid to the Poundkeeper	10,905.30
Profit to the city from operation of pound	$ 2,652.35
Society's expense conducting pound for year	$11,598.24
Due and received by Poundkeeper during year	10,905.30
Society's loss	$ 692.94

Respectfully submitted,

THE SAN FRANCISCO SOCIETY FOR THE PREVENTION OF CRUELTY TO ANIMALS, POUNDKEEPER,

MATTHEW McCURRIE,
Secretary.

Report of Public Library

BOARD OF TRUSTEES.

John H. Wise	319 Twenty-first avenue
Edward R. Taylor	2326 California street
Joseph O'Connor	338 Pine street
Ralph C. Harrison	Mills building
James D. Phelan	Phelan building
R. B. Hale	Fifth and Market streets
Charles H. Bentley	120 Market street
Max C. Sloss	Supreme Court
Eustace Cullinan	Phelan building
Washington Dodge	Anglo & London Paris National Bank

The Mayor, ex-officio.

George A. Mullin, Secretary.

Robert Rea, Librarian.

LIBRARY DIRECTORY.

Main Library	Hayes and Franklin Streets
Branch No. 1—Mission	1207 Valencia Street
Branch No. 2—McCreery	Sixteenth Street, near Market
Branch No. 3—North Beach	1457 Powell Street
Branch No. 4—Richmond	254 Fourth Avenue
Branch No. 5—Park	Page Street, near Cole
Branch No. 6—Fillmore	2435 Sacramento Street
A—Ocean View	379 Capitol Avenue
B—Potrero	Nineteenth and Iowa Streets
C—Noe Valley	1308 Castro Street
D—Sunset	845 Irving Street
E—South San Francisco	1202 Railroad Avenue
F—Glen Park	598 Bosworth Street
G—Oceanside	Judah Street and Forty-eighth Avenue
H—Visitacion Valley	100 Leland Avenue
I—San Bruno	2598 San Bruno Avenue
J—Golden Gate Valley	3009 Fillmore Street
K—Excelsior	4564 Mission Street
L—Polk	1303 Polk Street
M—Downtown	Emporium
N—Richmond	2314 Clement Street
O—Ingleside	422 Holloway Avenue

San Francisco, Cal., June 30th, 1914.

To the Honorable James Rolph, Jr.,
Mayor of the City and County of San Francisco, San Francisco, California.

Sir:—The following report of the Board of Trustees of the Public Library and Reading Rooms for the fiscal year ending June 30th, 1914, is respectfully submitted in accordance with the provisions of the Charter.

A most gratifying increase has been noted during the past year in the extent

to which the Library has been utilized by the public. Notwithstanding the fact that the fire of 1906 practically destroyed our service, and that the Main Library and half of our Branch Libraries are still in temporary quarters, the circulation and membership of the Library have shown a steady growth.

The past year has been unequaled in the history of the Library, the circulation for home use having reached approximately 1,000,000 volumes, or, to be exact, 934,002. This is an increase over the previous year in circulation of 81,410 volumes. At the time of destruction of the Library it contained 160,000 volumes, which it had taken over twenty-five years to accumulate. It is a striking fact that in the eight years that have since elapsed the Library has acquired 144,000 volumes. A circulation for the year of practically 1,000,000 volumes would be equivalent to the use of each of the 144,000 volumes in the Library seven times during the year; or it would represent the use of twenty-one volumes yearly by each of the forty-four odd thousand members.

The increase of card holders, or members, for the year is equal to the increase noted during the three previous years, and amounted to 22,604. This gives at present an active membership of 44,376. Both the membership and the circulation of the Library show an increase of 10% over that existing at the time of the practical destruction of the Library by the fire.

Comparative studies made previous years have established the fact that of the moneys expended for the maintenance of libraries a larger proportion was expended for books and improvements here than in any of the cities of approximately the size of San Francisco, where statistics were available. The past year is noteworthy in this respect. Nearly 35% of the total expenditures was spent in the purchase of books, periodicals and binding, the disbursement for books being the largest ever recorded. The following tabulation will give more clearly an analysis of expenditures:

	Expended.	Percentage of Total.
Books	$23,694.74	24.5
Periodicals	1,880.93	1.9
Binding	8,101.82	8.4
Furniture and Repairs	5,951.29	6.2
Printing and Stationery	3,126.50	3.3
Salaries	48,293.75	50.
Miscellaneous	5,464.11	5.7
	$96,513.14	100.

It will thus be seen that the total amount disbursed for the year is $96,513.14, which was provided by a tax of .018 levied by the Board of Supervisors on each $100 of the valuation of property assessed for taxation.

During the year representatives of civic organizations in various sections of the city have applied to the Board of Trustees for the establishment of branches or stations in their locality. While in many instances the Board recognizes the urgent need for such additional service, it has not, with its present income, been able to make such extensions. Only two new stations have been established: Station N in the Richmond district and Station O in the Ingleside district.

The temporary building serving as the Main Library building is now overcrowded. Its capacity is taxed daily to the utmost to accommodate its patrons. With the installation of the new tier of stacks the last available place for books has been utilized. Recognizing the fact that this building must soon become entirely inadequate to longer serve its purpose the Board has endeavored to secure at as early a date as possible the plans for a permanent new Main Library Building.

With this object in view six emient architects were invited last year to enter into competition for a design for this structure. Those selected were George W.

Kelham, Edgar A. Mathews, Albert Pissis, Reid Bros., Ward & Blohme and G. Albert Landsburgh. Plans were submitted by each of these architects to a jury of award, consisting of Mr. Paul P. Cret of the University of Pennsylvania, Mr. Cass Gilbert of New York and Mr. James D. Phelan of the Board of Library Trustees. The award was made to Mr. George W. Kelham. Completed plans will shortly be submitted by Mr. Kelham for this building, the estimated cost of which is $1,000.000. This sum is to be provided for out of the funds donated by Mr. Andrew Carnegie, there being available for this purpose half of the total donation, or $375,000. The remaining $625,000 is to be raised by the sale of Municipal Bonds, these bonds having been authorized by the voters at a special election held for this purpose.

A commodious and substantial new Branch Library building is now being constructed in the Richmond district. This is to occupy an inside 50 vara lot, between Ninth and Tenth avenues, Clement and Geary streets. The cost of this building is to be $48,000, which sum is to be provided out of the moneys available through the donation of Mr. Andrew Carnegie. It is expected that this building will be ready for occupancy in two months.

The Board of Supervisors, recognizing the necessity of providing for additional Branch Libraries in various sections of the city, has taken steps to secure available sites for the same. In the recent budget appropriations were made for the purchase of land for this purpose in the Mission, Noe Valley, Golden Gate Valley and the Sunset district, aggregating about $37,000. It is the intention of the Board of Library Trustees to proceed at once with the erection of a Branch Library building on the Mission site. The erection of this building will result in an immediate annual saving of $1,500, now paid as rent for temporary quarters for the use of the Mission Branch Library. As in the case of the Richmond Branch Library, the expense of erecting this building will be met out of the moneys donated by Mr. Carnegie. It is the intention of the Board, as soon as funds are assured for the maintenance of branches in the other districts mentioned, to proceed with the erection of Branch Library buildings.

A detailed statement of the income and expenditures of the Library and the work of its employes is given in the accompanying reports of the Secretary and of the Librarian.

Respectfully submitted by order of the Board of Trustees of the Public Library and Reading Rooms.

WASHINGTON DODGE,
President.

REPORT OF THE SECRETARY.

To the Trustees of the San Francisco Public Library and Reading Rooms:

Gentlemen—Following is a statement showing the Receipts and Expenditures for the year ending June 30, 1914.

RECEIPTS.

Balance in the Treasury, June 30, 1913		$ 38,267.47	
Cash on hand (with Secretary), June 30, 1913		270.70	
Taxes	$ 94,504.92		
Fines collected	3,081.30		
Books lost and paid for	188.70		
Reserve postals sold	227.10		
Catalogues sold	3.05		
Subscriptions to Monthly Bulletin	1.75		
Old newspapers sold	24.05		
Witness fee	2.00		
Donation (anonymous)	17.00		
Refund on insurance	92.20		
Automobile tire sold	.50		
Demand cancelled by Auditor	1.50		
Total Receipts		$ 98,144.07	
			$136,682.24

DISBURSEMENTS.

Books	$ 23,694.74		
Periodicals	1,880.93		
Catalogue cards	516.79		
Printing	2,433.40		
Binding	8,101.82		
Stationery	176.31		
Furniture and repairs	5,951.29		
Expense sundry	1,515.70		
Fuel	464.50		
Water	566.86		
Insurance	157.05		
Salaries	48,293.75		
Rent of branches	2,760.00		
Total disbursements		$ 96,513.14	
Balance in the Treasury, June 30, 1914		39,893.75	
Cash on hand (with Secretary, June 30, 1914		275.35	
			$136,682.24

RECORD OF DELINQUENTS.

FINES.

33,578	Fines collected, amounting to	$3,081.30	
1,048	Fines uncollected, amounting to	168.45	
34,626	Fines imposed, amounting to		$3,249.75

BOOKS LOST AND BORROWERS' CARDS CANCELLED.

Main Library—	17	volumes,	amounting	to	21.12	
Branch No. 1—	5	volumes,	amounting	to	4.10	
Branch No. 2—	7	volumes,	amounting	to	6.30	
Branch No. 3—	2	volumes,	amounting	to	2.00	
Branch No. 4—	4	volumes,	amounting	to	2.85	
Branch No. 5—	10	volumes,	amounting	to	9.90	
Branch No. 6—	2	volumes,	amounting	to	2.00	
Deposit stations—	7	volumes,	amounting	to	7.15	
Total....	54	volumes,	amounting	to		55.42

BOOKS LOST AND PAID FOR.

175 volumes, amounting to.....$ 188.70

STATEMENT OF EXPENSES FOR BRANCHES AND STATIONS.

	Branch No. 1	Branch Br. 2	Branch Br. 3	Branch Br.4	Branch Br. 5	Branch Br. 6	Station A	Station B	Station C	Station D
Salaries	$3,126.15	$3,008.55	$2,451.00	$2,068.15	$2,842.40	$2,746.80	$ 162.00	$ 162.00	$ 162.00	$ 162.00
Rent	1,440.00		900.00	420.00						
Furniture & repairs	9.25	104.18	61.92	43.45	219.59	5.00		258.70	29.50	
Expense	33.15	27.35	18.50	25.65	66.25	28.10	.10	.50	.80	5.25
Fuel	82.00	143.00	23.00	11.00	92.00	123.50				
Insurance	6.40	28.00	2.40	58.50	24.75	4.80	1.00	1.00	1.00	1.25
Water	21.60	106.76	21.60	1.80	38.55	21.60				
Periodicals	132.70	122.95	122.00	110.55	128.70	141.10				
Printing & Stat'nery	102.79	55.85	45.60	56.21	88.08	62.66	5.44	4.09	5.40	6.27
Binding	903.89	646.82	434.73	496.81	773.48	914.27				
Books	1,112.39	863.58	713.21	1,089.07	1,257.32	1,164.04				
Totals	$6,970.32	$5,107.04	$4,793.96	$4,381.19	$5,531.12	$5,211.87	$ 168.54	$ 426.29	$ 198.70	$ 174.77

	Station E	Station F	Station G	Station H	Station I	Station J	Station K	Station L	Station M	Station N	Station O	Deposit Collection
Salaries	$162.00	$162.00	$162.00	$162.00	$162.00	$198.00	$198.00	$151.50	$ 72.00	$125.90	$108.00	
Rent												
Furniture & repairs										7.50	7.50	
Expense	.95			1.05	1.75	5.35	.20	5.50	1.40	5.35	6.05	
Fuel												
Insurance	1.00	1.00	10.00		1.00							
Water												
Periodicals												
Printing & stat'nery	4.94	2.68	5.98	2.18	4.23	6.05	2.43	7.78	15.37	7.86	5.26	
Binding												485.25
Books												1,865.09
Totals	$168.89	$165.68	$177.98	$165.23	$168.98	$209.40	$200.63	$164.78	$ 88.77	$146.61	$126.81	$2,350.34

TOTALS.

Salaries	$18,554.45	Water	$ 211.91
Rent	2,760.00	Periodicals	758.00
Furniture and repairs	746.59	Printing and stationery	497.15
Expense	233.25	Binding	4,655.25
Fuel	474.50	Books	8,064.70
Insurance	142.10	Totals	$37,097.90

Books of Deposit Collection have been distributed to Branches and Stations.

Respectfully submitted,

June 30, 1914.

GEO. A. MULLIN, Secretary.

APPENDIX

Board of Supervisors

The following constituted the Board of Supervisors on July 1, 1914.

JAMES ROLPH, JR.

Mayor and Ex-officio President.

Terms expire January 8, 1916.

Paul Bancroft	731 Market Street
J. Emmet Hayden	34 Market Street
Oscar Hocks	558 Guerrero Street
Thomas Jennings	440 Bryant Street
*John C. Kortick	335 First Street
William H. McCarthy	156 Second Street
Charles A. Murdock	68 Fremont Street
Henry Payot	968 Ellis Street
Alexander T. Vogelsang	14 Montgomery Street

Terms Expire January 8, 1918.

Cornelius J. Deasy	City Hall, 1231 Market Street
Andrew J. Gallagher	1379 Masonic Avenue
Fred L. Hilmer	129 Davis Street
Ralph McLeran	113 Clayton Street
Charles A. Nelson	1590 Underwood Avenue
Edward L. Nolan	City Hall, 1231 Market Street
James E. Power	1207 Ashbury Street
Fred Suhr, Jr.	2919 Mission Street
John O. Walsh	117 Fair Oaks Street

*Appointed March 9, 1914, to succeed George E. Gallagher, who resigned January 8, 1914.

STANDING COMMITTEES.

Electricity—Suhr, McCarthy, Kortick.
Expositions—Kortick, McCarthy, Jennings, Vogelsang, Power.
Finance—Jennings, McCarthy, Payot.
Fire—McLeran, Nelson, Deasy.
Judiciary—Nelson, McLeran, Vogelsang.
Lands and Tunnels—Deasy, Kortick, Gallagher.
Lighting and Rates—Nolan, Nelson, Payot.
Police—Hocks, Hilmer, Nolan.
Public Buildings—Bancroft, Payot, McLeran.
Public Efficiency and Civil Service—Murdock, Suhr, Walsh.
Public Health—Walsh, Kortick, Murdock.
Public Utilities—Vogelsang, Hilmer, Bancroft, Hayden, Gallagher.
Public Welfare—Payot, Hayden, Nolan, Murdock, Gallagher.
Publicity and Interurban Relations—Hayden, Hocks, Walsh.
Streets and Sewers—McCarthy, Bancroft, Suhr.
Supplies—Hilmer, Murdock, Hayden.
Telephones and Rates—Power, Hilmer, Hocks.
Water Service and Rates—Gallagher, Power, Deasy.

Water, Gas, Electric and Telephone Rates

The Board of Supervisors, pursuant to the requirements of the Constitution of the State of California, acts of the Legislature and of Section 1, Chapter II, Article II, of the Charter of the City and County, and in compliance therewith obtained statements from the several corporations supplying the city and its inhabitants with water, gas, electricity and telephone service, showing their receipts and expenditures during the preceding year and the nature and character of their property, which statements are on file in the office of the Clerk of the Board.

The proceedings of the Board in these matters are reported in the Journal of Proceedings, all testimony was taken in shorthand and a complete transcript of the schedules, communications and reports is on file.

The following is a chronological index of the proceedings of the Board of Supervisors and reference is made to the printed volume of the Proceedings of the Board of Supervisors for the year 1914:

WATER RATES

			Page
Feb.	9	Resolutions requiring Spring Valley Water to file statements and inventory	147
June	22	Report of Committee on Water Rates	691
June	22	Bill No. 3088, Fixing water rates introduced	699
June	29	Bill No. 3088, Ordinance No. 2822, finally passed	731

TELEPHONE RATES.

Feb.	17	Hearing before Committee of the Whole	175
March	3-10	Hearing before Committee of the Whole	265
June	2	Hearing before Committee of the Whole	625
June	22	Report of Committee on Telephone Rates	680
June	22	Introduction of Bill No. 3084	694
June	29	Bill No. 3084, Ordinance No. 2820, finally passed	728

LIGHTING RATES.

June	22	Report of Committee on Lighting Rates	686
June	22	Introduction of Bill No. 3087, fixing gas rates	696
June	22	Introduction of Bill No. 3086, fixing electricity rates	698
June	29	Final passage of Ordinances Nos. 2813 and 2814, fixing rates	725

Municipal Railway System

The completion of the Geary Street Municipal Railway is chronicled in the Municipal Reports for the year 1912-13 at pages 863 to 870 and the detailed progress of the work of construction is set forth in the report of the City Engineer for the same year at pages 492 to 495.

The successful operation of the Geary Street Municipal Railway caused a demand for the extension of the system which was emphasized by the necessity of providing transportation to the grounds of the Panama-Pacific International Exposition which was to be held during the year 1915.

A comprehensive study was made of the transportation problem and the results of the investigation were set forth in a report of the City Engineer. This report is as follows:

REPORT ON EXTENSION OF MUNICIPAL RAILWAYS TO PROVIDE TRANSPORTATION FOR THE PANAMA-PACIFIC EXPOSITION.

Prepared by M. M. O'Shaughnessy, City Engineer, under direction from the Board of Public Works, San Francisco, April 5, 1913.

SYSTEM OF MUNICIPAL RAILWAYS.

San Francisco, April 5, 1913.

To the Honorable the Board of Public Works of the City and County of San Francisco—Gentlemen:

By Resolution No. 9995, Second Series, the Board of Supervisors have requested the Board of Public Works to submit to it a preliminary plan and approximate estimates of cost of a Municipal System of Street Railways, including equipment, designed to furnish to the Panama-Pacific Exposition a fully adequate street railway service, together with similar plan and estimates of such additional extensions of the Municipal Railway as may be deemed presently necessary and desirable.

In accordance with the provisions contained in said Resolution No. 9995, the following report has been prepared in this office and is hereby submitted for your consideration, and provided it meets with your approval, for transmission to the Board of Supervisors.

PROBABLE SERVICE REQUIREMENTS.

The officials of the Panama-Pacific Exposition Company have collected a large amount of data concerning the attendance at various expositions which have been held in this country during the last 20 years, of which the following is a brief summary:

TABLE SHOWING TOTAL AVERAGE DAILY PAID ATTENDANCE AT AMERICAN EXPOSITIONS, AND PROPORTIONS BETWEEN DAILY PAID ATTENDANCE AND NUMBER OF LOCAL POPULATION.

Exposition		Number of Days Open	Estimated Population at Date of Exposition	Total Number of Paid Attendance	Proportion Between Total Attendance and Estimated Population	Average Daily Paid Attendance	Proportion Between Paid Attendance and Estimated Population
Chicago	1893	179	1,280,000	21,480,000	16.5	120,000	9.37%
Midwinter	1894	160	317,000	1,434,000	4.5	90,000	2.84%
*Atlanta	1895	90	78,000	818,000	10.5	9,000	11.51%
*Nashville	1897	155	80,000	1,274,000	16.0	8,000	10.00%
Omaha	1898	153	100,000	1,778,000	17.8	11,600	11.60%
†Buffalo	1901	184	357,000	5,307,000	14.9	29,000	8.13%
*St. Louis	1904	187	620,000	12,804,000	20.8	68,000	10.97%
Portland	1905	137	126,000	1,589,000	12.6	11,600	9.20%
§‡Jamestown	1907	219	69,000	1,481,000	20.7	6,800	9.85%
Seattle	1909	139	221,000	2,766,000	12.5	20,000	9.05%

The Panama-Pacific Exposition is to remain open 288 days. The probable population of San Francisco during the year 1915 is estimated by Mr. Bion J. Arnold (see page 30 of Preliminary Report No. 19) as 485,000.

Taking into consideration the limited territory in the immediate vicinity of San Francisco from which attendance will be drawn to the Exposition, the difference between the climate of San Francisco and that of other cities in which expositions have been held, and the greater number of days during which the Panama-Pacific Exposition is to remain open, Mr. Arnold's estimate (see page 9 of Preliminary Report No. 10) of 30,000, or 6¼ per cent of the local population, as the probable average daily paid attendance at the Exposition seems reasonable. This will make the total paid attendance at the Exposition 8,640,000, 17.85 times the local population. This apparently low percentage of average daily attendance compared with that of other expositions is based on the fact that the Panama-Pacific Exposition is to remain open for a longer period than any previous exposition. While the estimated percentage of average daily attendance is low, attention is directed to the fact that the relation between local population and total attendance is greater than either at the Chicago or Seattle expositions and is only slightly less than at the St. Louis Exposition.

*Closed Sundays.

§Partially closed Sundays.

†Director General's report estimates loss occasioned by President McKinley's tragic death, in attendance 2,521,000 people, in revenue from admissions $1,132,000 and concessions $475,000; total $1,589,000.

‡219 days include 31 Sundays.

The records of previous expositions show that the number of free admissions (for concessionaires, attendants, officers of the exposition, etc.) has been about one-third of the paid attendance. Assuming that the average daily paid attendance will be 30,000 and that the free admissions will bear the same proportion to the paid admissions as at previous expositions, there will be 10,000 free admissions, making the total average daily attendance 40,000. Of these 40,000, probably one-fourth, or 10,000 will reach the Exposition grounds by walking or by vehicles other than street cars. The remaining 30,000 will have to be transported by street cars, or if street car facilities are not provided, by other means. Mr. Arnold estimates (see page 10 of Preliminary Report No. 10) that one-third of this 30,000 will be transported by means of ferry boats, but since Mr. Arnold's report was made it has been announced that ferry boats will not run to the Exposition. Assuming that fully adequate street railway transportation will be available and that an average of thirty thousand persons per day will travel to and from the Exposition by this means, the gross income to be derived from the traffic will average $3,000 per day, or for 288 days during which the Exposition will be open, will amount to $864,000.

In addition, an average of 10,000 workmen per day will have to be transported to and from the Exposition grounds during the year preceding the opening of the Exposition and another 2,500 will have to be transported during the year after the Exposition. The income to be derived from the transportation of these workmen for the year preceding the Exposition will be $300,000 and during the year following the Exposition $75,000. This makes the total income to be derived from the transportation of passengers to and from the Exposition for the year

preceding the Exposition	$ 300,000
For the 288 days during which the Exposition will be open	864,000
And for the year following the Exposition	75,000
	$1,239,000

The operating expenses will average two-thirds of the gross income, leaving one-third, or $413,000, as the gross profit to be derived from the estimated traffic.

The following table shows the number of days on which the paid attendance considerably exceeded the average at the Chicago, St. Louis and Seattle expositions:

	Chicago.	St. Louis.	Seattle.
Maximum paid attendance	717,000	358,403	111,000
Per cent of population	56	57½	50
More than 40% of population	1	1	1
Between 30% and 40% of population	0	0	1
Between 20% and 30% of population	7	9	5

The following table shows the value in numbers of various percentages of the local population, as estimated by Mr. Bion J. Arnold for the year 1915:

	50%	40%	30%	20%
Population 485,000	242,500	194,000	145,500	97,000

From these two tables it appears that there will be at least one day during which the paid attendance at the Exposition will be in the neighborhood of 250,000 and that it is not likely that the attendance on more than 20 days will be in excess of 100,000.

In addition to the paid attendance there will be approximately 15,000 persons connected with the management of the Exposition and concessions to be transported on the day of maximum attendance, but as the majority of these will go to the Exposition grounds before the gates are open in the morning and will leave after the Exposition is closed at night, their transportation need not be considered in this connection.

Arbitrarily assuming that 30,000 visitors who will be in San Francisco will attend the Exposition on the day of largest attendance, and that the remaining 220,000 will be drawn from the residents of this city and vicinity, in proportion to the population, 155,000 of the 250,000 who will attend the Exposition will come from San Francisco, 79,000 will come from across the bay and be landed at the foot of Market Street, and 16,000 will come from the Peninsula and be landed at Third and Townsend Streets.

Complete data as to the rate at which it has been necessary to transport people to previous expositions is not available, but judging from such information as can be obtained, it appears probable that the maximum hourly rate will be from 20 to 25 per cent of the attendance or from 50,000 to 62,500 per hour.

This traffic will originate as follows:

From San Francisco	31,000 to 38,750 per hour
Foot of Market street	16,000 to 19,750 per hour
Third and Townsend streets	3,000 to 4,000 per hour

From the estimates given below, it is apparent that the cost of construction and equipment of street railways to provide adequate transportation for the large number of persons who will desire to attend the Exposition during the few days of maximum attendance without the co-operation of the United Railroads will far exceed any possible profit to be derived from the operation of such street railways, and that after the close of the Exposition the City will be left with a large amount of equipment on hand, for which no profitable use can be found for a number of years afterwards.

In order to show clearly the amount of the expenditure necessary to equip the proposed street railways to provide adequate transportation facilities during the days of maximum attendance at the Exposition, this report includes estimates of the cost of building and equipping the proposed street railways for three different methods of operation, as follows:

First, for building and equipping the proposed street railways to provide ample transportation facilities under conditions such as will exist after the Exposition shall have closed and the buildings torn down.

Second, for building and equipping the proposed street railways in such a manner that when operated independently of other street railways, adequate transportation will be furnished on all except the one or two days at which the attendance at the Exposition will be a maximum, and on those days the transportation furnished, while not fully adequate, will be the best practicable under the ordinary conditions which will prevail.

Third, for building and equipping the proposed street railways in such a manner that when operated jointly by the municipality and other street railroads, the transportation furnished will compare favorably with that which could be furnished under the second plan of operation.

DISCUSSION OF ROUTES.

In Part I of the Preliminary Report No. 10, Mr. Arnold has described all of the routes over which it would be practicable to construct street railways connecting with the Panama-Pacific Exposition grounds.

With the exception of the Franklin-Gough-Broadway route, which has been omitted for the reasons that the maximum grade, 12.4%, is too great to permit of the safe operation of cars on a ½-minute headway, and that after the expiration of the Exposition such a road would not be a profitable investment on account of its being near and parallel to the proposed Van Ness avenue line and the Polk street line, this report incrudes all of the routes discussed by Mr. Arnold.

The estimates of cost herein are based upon the following assumptions:

The roadbed will consist of rock ballast 8 inches thick under ties of standard track, and 15 inches thick under ties of track special work, thoroughly compacted by rolling before ties are placed.

All ties will be of split redwood 8 inches wide, 6 inches deep, and 8 feet or more long, spaced 2 feet centers.

Straight track will be constructed with 106-pound, 9-inch girder-grove rail with continuous joints, except in the Fillmore street and Broadway tunnels, where 70-pound T rail will be used.

Curved track will be 132-pound, 9-inch guard rail with channel joints.

Steel tie plates, tie rods and copper joint and cross-bonds will be used throughout.

Track special work will be solid manganese steel.

Pavement, except in double-bore tunnels and temporary terminals, will be standard asphalt pavement with basalt block headers. Pavement in terminals will be rolled crushed rock.

All permanent trolley feeders will be laid underground. Temporary trolley feeders for use during the Exposition period only will be placed overhead.

Trolley wires will be 0000 hard drawn, grooved copper wire with standard tubular steel side-poles, and galvanized steel wire suspension, except on Van Ness avenue and Potrero avenue. On Van Ness avenue, reinforced concrete, center-pole construction is proposed, and on Potrero avenue, the poles of the Ocean Shore Railway Company will be used.

Cars will be similar to those purchased for the Geary Street Municipal Railway.

Car barns will be of reinforced concrete throughout, similar in construction to the present Geary street car barns. The estimated costs of cars and car barns include the cost of real estate, which is estimated at $700 per car.

As the construction of the Fillmore street and Broadway tunnels have not been definitely decided upon, this report includes summaries of the cost of three different combinations of routes in the order of their desirability. The cost of any other combination of routes can be readily arrived at by adding together the cost of the separate routes as contained herein.

The maximum carrying capacity of the various railways as given below, may at first glance seem small, but in view of the fact that it is expected to operate cars on so short a headway as to render it improbable that each car will be loaded to its full capacity, and that Mr. Arnold, in his recent investigation of street railway conditions in San Francisco, found the maximum number carried on Market street during the rush hours to be 12,000 per hour, it does not appear that the figures given below can be exceeded.

FILLMORE STREET TUNNEL LINE.

It is proposed to construct a double track street railway on Fillmore street from Geary street to Chestnut street, through the Fillmore street tunnel, a lengh of 1.15 miles.

Cars can be operated on this railway at a ½-minute headway, provided arrangements can be made to keep the cars at present on Fillmore street off of this portion of the road. If constructed for ordinary operation this railway should be equipped with 7 cars, and if so equipped will have a maximum carrying capacity of about 3,000 per hour.

If it is desired to operate independently of the United Railroads at its maximum capacity, 35 cars will be required, and the maximum carrying capacity will be 12,000 per hour, but in this event it will be necessary to construct a temporary terminal on Hamilton Square at which passengers can be loaded and unloaded.

Should it be decided to operate the road in conjunction with the United Railroads, it would be necessary that additional switches be installed on Fillmore street at Sutter street, O'Farrell street, Ellis street, Eddy street, Turk street and McAllister street, and that the capacity of the trolley feeders be increased.

The following estimates do not include the cost of these switches nor the additional trolley feeders, as they would be installed by the United Railroads.

If the Fillmore street tunnel is not constructed, the safe carrying capacity of the line at present operated over Fillmore street hill is 1,500 per hour.

ESTIMATED COST OF FILLMORE STREET TUNNEL LINE—1.15 MILES.

	Ordinary Operation	Extraordinary Operation	Joint Operation
New construction	$ 83,100	$83,100	$83,100
Re-construction	12,700	12,700	12,700
Hamilton Square terminal and connections to Fillmore street	.....	28,800	.....
Additional trolley feeders, Geary street to to Chestnut street	.....	9,300	9,300
7 cars and car barn for same	80,500	.....	80,500
35 cars and car barn for same	.....	404,500	.....
Total	$176,300	$538,400	$185,600

VAN NESS AVENUE LINE.

It is proposed to construct a double track street railway on Van Ness avenue from Market street to North Point street, a distance of 2.07 miles.

Cars can be operated on this line at a ½-minute headway, making the maximum carrying capacity 12,000 passengers per hour.

In order to avoid disfiguring the street to any greater extent than is absolutely necessary it is proposed to construct this road with the track centers 14′ 6″ apart and to support the trolley wires by means of reinforced concrete poles in the center of the street. These poles will be designed so as to present a pleasing appearance and will be constructed so that electric lamps for lighting the street can be mounted on each pole, thus doing away with the necessity of maintaining the present gas lamps at the curb line. It is believed that by doing away with the poles at the curb lines the appearance of the street will be improved rather than injured by the construction of the proposed railway.

For ordinary operation this railway should be equipped with 12 cars and will have a maximum carrying capacity of 3,000 per hour. It is desired to operate it independently of the United Railroads at its maximum carrying capacity of 12,000 per hour, 62 cars cars will be required, and it will also be necessary to construct a loop from Van Ness avenue and Fell street to Franklin street, thence to Oak street and thence returning to Van Ness avenue in order that passengers may be loaded and unloaded and the direction in which cars are traveling reversed without interfering with the headway.

Should it be decided to operate the road in conjunction with the United Railroads, it will be necessary that connections be made with the United Railroads' tracks at Market street in order that eastbound cars on Market street can be deflected to Van Ness avenue, and southbound cars on Van Ness avenue to the westbound tracks of the United Railroads on Market street. If the Fillmore street tunnel is constructed, additional connections between the United Railroads' tracks and this railway will not be necessary, but if the Fillmore street tunnel is not constructed, turnouts should be installed at Sutter street, O'Farrell street, Ellis street, Eddy street, Turk street, McAllister street and Hayes streeet, so that eastbound cars of the United Railroads can be deflected into Van Ness avenue and southbound cars on Van Ness avenue can be deflected to the westbound United Railroads' tracks.

ESTIMATED COST OF VAN NESS AVENUE LINE—2.07 MILES.

	Ordinary Operation	Extraordinary Operation	Joint Operation
Construction Oak to North Point streets	$341,200	$341,200	$341,200
Additional electric work	-------	20,700	20,700
Terminal loop, Fell, Franklin, Oak streets	-------	16,000	-------
Special track work, Market street and Van Ness avenue	-------	-------	4,700
Cars and car barn (12 cars)	138,000	-------	138,000
Car and car barn (62 cars)	-------	713,000	-------
Total	$479,200	$1,090,900	$504,600
Special track work—			
Sutter street			4,800
O'Farrell street			2,200
Ellis street			2,700
Eddy street			2,200
Turk street			2,700
McAllister street			4,800
Hayes street			4,800
Total	$479,200	$1,090,900	$530,800

POTRERO AVENUE LINE.

Among the extensions of the street railway system reported by Mr. Bion J. Arnold to be immediately necessary, is the construction of a street railway along Potrero avenue (see Part II of Preliminary Report No. 10).

Such a street railway will be valuable in connection with the Exposition in furnishing transportation to persons living south of Market street and after the Exposition will furnish additional transportation in a district at the present time much in need of such transportation

It is therefore proposed to construct an extension to the Van Ness avenue line along Market street from Van Ness avenue to Twelfth street, thence along Twelfth street over Florida street, Mariposa street and Potrero avenue to Twenty-fifth street, a distance of 2.2 miles. Along Market street additional tracks will be constructed outside of the tracks of the United Railroads.

From Twelfth and Mission streets to Potrero avenue and Twenty-fifth street the single track of the Ocean Shore Railway Company will be used and one additional track will be constructed. The track of the Ocean Shore Railway Company will, however, have to be reconstructed with 141-pound grooved girder rails and since it will be necessary to operate northbound Ocean Shore trains over the new track which it is proposed to construct, that also should be built with rails of the same character.

If equipped for ordinary operation, 13 cars will be necessary for this extension. For traffic during the Exposition 27 cars will be required. This is a smaller number of cars per mile than is recommended for Van Ness avenue for the reason that it is not proposed to operate cars on this portion of the line under so short a headway as on the northern portion.

Under the franchises of the Ocean Shore Railway Company the City has a right to operate cars of a municipally owned street railway over the tracks of the Ocean Shore Railway Company from Twelfth and Mission streets to Vermont and Army streets without expense for cost or maintenance of track to the City. The City also has the right to require the Ocean Shore Railway Company to reconstruct their tracks in a proper manner. The following estimate, therefore, includes only the cost of the additional track, and such new construction as will have to be built by the City, and does not include the outlay necessary to be made by the Ocean Shore Railway Company to comply with its franchise requirements.

ESTIMATED COST OF POTRERO AVENUE LINE—2.2 MILES.

	Ordinary Operation	Extraordinary Operation	Joint Operation
Market street and Van Ness avenue to Twelfth and Mission streets	$30,800	$30,800	$30,800
Twelfth and Mission to Potrero avenue and Twenty-fifth street	168,500	168,500	168,500
Additional electric work	.....	6,300	6,300
Cars and car barn (13 cars)	149,500	.....	149,500
Cars and car barn (27 cars)	.....	310,500	.....
Total	$348,800	$516,100	$355,100

STOCKTON STREET TUNNEL LINE.

It is proposed to construct a double track street railway on Stockton street through the proposed Stockton street tunnel from Market street to Columbus avenue, a distance of 1.00 miles.

If the Broadway tunnel is constructed a turnout should be installed at Broadway so that cars can be deflected through the Broadway line described below and operated over the tracks of the Presidio and Ferry Railroads and an extension on Franklin or Gough street to the Exposition. In the event of this being done, cars can be operated on the Stockton street line under a ½-minute headway, making the maximum carrying capacity of that line 12,000 per hour. If the Broadway tunnel is not constructed, so that it will be necessary to operate cars over Columbus avenue in conjunction with cars from the ferry, the capacity of the line will be cut in half, in other words, reduced to 6,000 per hour, provided arrangements are made with the United Railroads to cease the operation of the Broadway and Powell street lines on Columbus avenue, or will be reduced to 4,000 per hour if such arrangements cannot be made.

For ordinary operation that portion of the railway from Market street to Columbus avenue should be equipped with 6 cars and will have a maximum carrying capacity of 3,000 per hour.

If it is desired to operate the road independently of the United Railroads at its maximum capacity of 12,000 per hour, 30 cars will be required.

Should it be decided to operate the road in conjunction with the United Railroads it will be necessary that connections be made between the tracks at Stockton and Market streets and the United Railroads' tracks on Fourth street. By this means cars can be operated directly from Third and Townsend streets to the Exposition.

ESTIMATED COST OF STOCKTON STREET TUNNEL LINE—1 MILE.

	Ordinary Operation	Extraordinary Operation	Joint Operation
Market street to Columbus avenue—			
Construction	$160,200	$160,200	$160,200
Connection with Fourth street tracks at Market street	.....	.....	4,600
Additional electric work	.....	4,000	4,000
Cars and car barn (6 cars)	69,000	.....	69,000
Cars and car barn (15 cars), if Broadway tunnel is not constructed	.....	172,500	.....
Total	$229,200	$336,700	$237,800
Cars and car barn if Broadway tunnel is constructed	.....	172,500	.....
Total	$229,200	$509,200	$237,800

BROADWAY TUNNEL LINE.

It is proposed to construct a double track street railway connecting with the Stockton street tunnel line at Broadway, running thence along Broadway through a tunnel to Larkin street, thence along Larkin tsreet to Vallejo street, where connections will be made to the tracks of the Ferry & Presidio Railway, a distance of .69 mile.

For operation under ordinary conditions this line shall be equipped with 4 standard cars. It is desired to operate it at its maximum capacity, independently of the United Railroads, 21 cars will be required.

In discussing the use of this route it should be borne in mind that no proceedings have yet been undertaken by the Board of Supervisors to construct this tunnel.

ESTIMATED COST OF BROADWAY TUNNEL LINE—.69 MILE.

	Ordinary Operation	Extraordinary Operation	Joint Operation
Broadway and Stockton street to Vallejo and Larkin streets—			
Construction	$ 82,700	$ 82,700	$ 82,700
Additional electric work	--------	2,600	2,600
Cars and car barn (4 cars)	46,000	--------	46,000
Cars and car barn (21 cars)	--------	241,500	--------
Total	$128,700	$326,800	$131,300

UNION STREET LINE.

It has been proposed that the city shall take over the Union street line when the franchise expires in December, 1913, and reconstruct it from the Ferry to the Presidio. The length of double track route which is covered by this franchise and will be useful is 3.78 miles.

The estimate given below is made upon the assumption that it will be necessary to tear up and reconstruct all of the old track, to purchase new cars and construct new overhead work. However, all of this old track except .437 mile from Union and Pierce streets to Gough and Baker streets, the cars and most of the overhead work, is in such condition as to be useful, and provided arrangements can be made with the present owners of the franchise to purchase them at a reasonable price the cost of construction can be considerably reduced.

During the exposition standard cars should be operated on this line from the Ferry, over Columbus avenue to Union street, and thence they should be deflected along Columbus avenue and North Point street to Van Ness avenue. A discussion of the North Point street extension is given below.

In the event of the Broadway tunnel being built cars from the Stockton street tunnel will also be operated over the tracks of this line from Larkin and Vallejo streets to Union and Franklin or Gough streets.

For operation under ordinary conditions this line should be equipped with 12 standard cars. If it is desired to operate it at its maximum capacity independently of the United Railroads, 58 cars will be required, if the Broadway tunnel is constructed, or 29 cars if this tunnel is not constructed.

It will be necessary, in order to operate this road at its maximum capacity, to arrange with the United Railroads to cease the operation of the Broadway cars and Powell street cable cars on Columbus avenue during such period. The capacity of the road is estimated at 12,000 per hour if the Broadway tunnel is constructed, 6,000 per hour if it is not constructed, provided suitable arrangements can be made with the United Railroads to cease operation of the Broadway and Powell street roads, or 8,000 per hour if the Broadway tunnel is constructed; 4,000 per hour if it is not constructed, and arrangements cannot be made with the United Railroads to cease operations on Columbus avenue.

ESTIMATED COST OF UNION STREET LINE, ASSUMING BROADWAY TUNNEL WILL BE CONSTRUCTED—3.9 MILES.

	Ordinary Operation	Extraordinary Operation	Joint Operation
Ferries to Presidio—			
Construction	$526,400	$526,400	$526,400
Additional electric work	.....	26,500	26,500
Terminal loop at Ferry	.....	18,000	18,000
Standard cars and car barn (12)	138,000	.....	138,000
Standard cars and car barn (58)	.....	667,000	.....
Cars and car barn (18 hill cars)	135,000	135,000	135,000
Total	$799,400	$1,372,900	$843,900

ESTIMATED COST OF UNION STREET LINE, ASSUMING BROADWAY TUNNEL WILL NOT BE CONSTRUCTED—3.78 MILES.

Ferries to Presidio—			
Construction	$526,400	$526,400	$526,400
Additional electric work	.....	13,000	13,000
Standard cars and car barn (12)	138,000	.....	138,000
Standard cars and car barn (20)	.....	333,500	.....
Hill cars and car barn (18)	135,000	135,000	135,000
Total	$799,400	$1,007,900	$812,400

NORTH POINT STREET EXTENSION TO UNION STREET LINE.

It is proposed to construct an extension to the Union street line on Columbus avenue from Union street to North Point street, thence along North Point street to Van Ness avenue, where the tracks will be joined to the tracks of the Van Ness avenue line, a total length of 1.05 miles.

The maximum carrying capacity of this portion of the street railway will be 12,000 per hour.

For operation under ordinary conditions this portion of the street railway should be equipped with 6 cars. If it isdesired to operate it independently of the United Railroads at its maximum carrying capacity of 12,000 per hour, 31 cars will be necessary.

ESTIMATED COST OF NORTH POINT STREET EXTENSION TO UNION STREET LINE—1.05 MILES.

	Ordinary Operation	Extraordinary Operation	Joint Operation
Columbus avenue and Union street to North Point street and Van Ness avenue—			
Construction	$166,600	$166,600	$166,600
Additional electric work	.....	10,200	10,200
Cars and car barn (6)	69,000	.....	69,000
Cars and car barn (31)	.....	356,500	.....
Total	$235,600	$533,300	$245,800

FRANKLIN OR GOUGH STREET EXTENSION TO UNION STREET LINE.

If the Broadway tunnel is built and the Stockton street line constructed through the tunnel, as recommended above, an extension should be built from Union street to Chestnut street along either Franklin or Gough streets, a distance of .261 mile. This extension will be temporary, to be removed after the Exposition.

It will not be necessary to provide cars forthisextension for the reason that the Steiner street extension will require more cars than this and both will not be operated at maximum capacity at the same time.

ESTIMATED COST OF FRANKLIN OR GOUGH STREET EXTENSION.

Ordinary operation	.....
Extraordinary operation	$32,100
Joint operation	$32,100

STEINER STREET EXTENSION.

An extension of the Union street line should be built from Union street along Steiner street to Greenwich street, thence to Scott street and thence to Chestnut street, a distance of .531 mile.

This would enable cars from the Broadway tunnel or Van Ness avenue to be deflected to the tracks of the Ferry and Presidio Railway and thence over this extension to the main gates of the Exposition.

For operation under ordinary conditions 4 cars will be sufficient and if it is desired to operate it independently of the United Railroads at maximum carrying capacity, 17 cars will be required.

ESTIMATED COST OF STEINER STREET EXTENSION TO UNION STREET LINE—.531 MILE.

	Ordinary Operation	Extraordinary Operation	Joint Operation
Steiner and Union streets to Scott and Chestnut streets—			
Construction	$ 73,700	$ 73,700	$ 73,700
Additional electric work	.....	7,200	7,200
Cars and car barn (4)	46,000	.....	46,000
Cars and car barn (17)	.....	195,000	.....
Total	$119,700	$275,900	$126,900

CHESTNUT STREET LINE.

It will be absolutely necessary, in order to provide transportation which can in any sense of the word be considered adequate, to construct a street railway on Chestnut street from Van Ness avenue to Divisadero street, a distance of one mile.

During the daytime cars can be operated over this extension from Van Ness avenue and from the Ferry to deliver passengers near the main gates of the Exposition. During the evening cars can be operated from Van Ness avenue to Fillmore street in order to provide transportation for persons leaving the concessions and desiring to reach the Richmond District.

For operation under ordinary conditions this road should be equipped with 6 cars. For operation independently of the United Railroads at maximum capacity, 30 cars will be required.

ESTIMATED COST OF CHESTNUT STREET LINE—1 MILE.

	Ordinary Operation	Extraordinary Operation	Joint Operation
Van Ness avenue to Divisadero street—			
Construction	$156,100	$156,100	$156,100
Additional electric work	.....	3,000	3,000
Cars and car barn (6 cars)	69,000	.....	69,000
Cars and car barn (30 cars)	.....	345,000	.....
Total	$225,100	$504,100	$228,100

CHURCH STREET LINE.

In Part II of Preliminary Report No. 10, Mr. Bion J. Arnold has recommended the construction of a street railway along Church street, into the heavily settled Noe Valley District, which he states (see paragraph 22, page 8), "requires additional service perhaps more than any other district in the city".

Means of overcoming the steep grades on Church street, between Eighteenth and Twenty-second streets, by means of a short diversion at Mission Park and a tunnel through private property are suggested by Mr. Arnold. This method is open to the very serious objection that it will partially destroy the Mission Park. Other means of accomplishing the same purpose have also been suggested, but before the best method can be determined upon it will be necessary to make further studies of the contour of the ground and the cost of the various methods. These studies are now under way and we hope to be able to report on them shortly.

The cost of opening a new street or constructing a tunnel should be borne by the property owners benefited in the same manner as that proposed for the various tunnels now under consideration by the Board of Supervisors.

In the event of means being found to provide a suitable right of way for the road, it is proposed to construct an extension of the Van Ness avenue line from Market and Twelfth streets along Market street to Church street, thence along Church street to its termination at Thirtieth street, a distance of 2.45 miles.

For operation under ordinary conditions this road should be equipped with 15 cars, or for operation at capacity sufficient to supply adequate transportation to the Exposition on days of maximum attendance, with 37 cars.

On account of the uncertainty as to the method of overcoming the grades on Church street, between Eighteenth and Twenty-second streets, the estimated cost of this road has not been included in any of the combinations of routes given below. Should the Board of Supervisors decide that its immediate construction is desirable, its estimated cost should be added to such other routes as may be selected.

ESTIMATED COST CHURCH STREET LINE—2.45 MILES.

	Ordinary Operation	Extraordinary Operation	Joint Operation
Twelfth and Market streets to Thirtieth and Church streets—			
Construction	$325,500	$325,500	$325,500
Additional electric work	.....	14,000	14,000
Cars and car barn (15 cars)	172,500	.....	172,500
Cars and car barn (37 cars)	.....	425,500	.....
Total	$498,000	$755,000	$512,000

POLK STREET LINE.

The Panama-Pacific Exposition Company has no ground within the Exposition which can be placed at the disposal of the city for terminal purposes. The United Railroads, however, own a block of such land in the vicinity of their power house between North Point, Beach, Laguna and Buchanan streets. If suitable arrangements can be made, the United Railroads should be permitted to extend their Polk street line to this block and construct a terminal thereon. It would also be an advantage if turnouts from the municipal railways could be connected with this extension so that passengers from the Ferry or Van Ness avenue might be landed at or taken away from that terminal.

No estimate of the cost of this extension is included in this report for the reason that the United Railroads are undoubtedly better informed as to the cost to them of such on extension than is this office.

TERMINALS.

Unusual difficulties will be experienced in operating these roads at maximum capacity for the reason that at times all of the passengers carried will desire to leave the cars at the Exposition grounds and at other times practically all of the passengers carried will desire to board the cars at the Exposition grounds.

This condition will make it impossible to operate the cars on so rapid a headway as 30 seconds unless proper facilities are provided for loading and unloading passengers.

It is proposed, therefore, to construct three-track loops as follows:

Van Ness avenue and North Point street—

One terminal for Ferries and Presidio line.

Chestnut street at Franklin or Gough streets—

One terminal for Van Ness avenue line.

One terminal for Franklin or Gough street line.

One terminal for Fillmore street line via Chestnut street.

Fillmore street near Chestnut street—

One terminal for Fillmore street line.

Chestnut and Divisadero streets—

One terminal for Van Ness avenue via Chestnut street.

One terminal for Steiner street extension to Ferry and Presidio line.

The cost of these terminals, including ground rental, is estimated at $18,000 each.

COMBINATION OF ROUTES RECOMMENDED, THEIR CAPACITY AND SUMMARY OF COST—ORDINARY AND MAXIMUM CARRYING CAPACITY.

Combination I.

Assuming construction of tunnels on Fillmore street, Broadway, and Stockton street:

	Ordinary Capacity Per Hour	Maximum Capacity Per Hour
Fillmore street tunnel route	3,000	12,000
Van Ness avenue route	3,000	12,000
Polk street route	3,000	12,000
Stockton street tunnel route	3,000	12,000
Ferry & Presidio route	3,000	12,000
Hyde street line	3,000	13,000
	18,000	63,000

These maximum capacities can be attained only if suitable arrangements can be made with the United Railroads to stop the operation of the Broadway and Powell street cars on Columbus avenue during rush hours. If such arrangements cannot be made the maximum capacities should be reduced by 4,000 per hour, making a total of 59,000 per hour.

Combination II.

Assuming construction of tunnels on Broadway and Stockton street but not on Fillmore street:

	Ordinary Capacity Per Hour	Maximum Capacity Per Hour
Fillmore street line	1,500	1,500
Van Ness avenue route	3,000	12,000
Polk street route	3,000	12,000
Stockton street tunnel route	3,000	12,000
Ferry & Presidio route	3,000	12,000
Hyde street route	3,000	3,000
Total	16,500	52,500

—if Broadway and Powell street cars are not operated on Columbus avenue during rush hours, and 48,500 per hour if Broadway and Powell street cars are operated on Columbus avenue.

Combination III.

Assuming construction of Stockton street tunnel but not of Broadway and Fillmore street tunnels:

	Ordinary Capacity Per Hour	Maximum Capacity Per Hour
Fillmore street route	1,500	1,500
Van Ness avenue route	3,000	12,000
Polk street route	3,000	12,000
Hyde street route	3,000	3,000
Stockton street route	3,000	6,000
Ferry & Presidio route	3,000	6,000
Total	16,500	40,500

—if operation of cars on Broadway and Powell street lines is stopped on Columbus avenue during rush hours, or 36,500 per hour if operation of cars of Broadway and Powell street lines is not stopped.

ESTIMATED COST OF CONSTRUCTION—COMBINATION I.

Assuming construction of tunnels on Fillmore street, Broadway and Stockton street:

Route	Estimated Costs Ordinary Operation	Extraordinary Operation	Joint Operation
Fillmore street	$176,300	$538,400	$185,600
Van Ness Avenue	479,200	1,090,900	504,600
Potrero avenue	348,800	516,100	355,100
Union street	799,400	1,372,900	843,900
North Point street	235,600	533,300	245,800
Franklin or Gough street	.....	32,100	32,100
Steiner street	119,700	275,900	126,900
Stockton street	229,200	509,200	237,800
Broadway tunnel	128,700	326,800	131,300
Chestnut street	225,100	504,100	228,100
7 terminals	.....	126,000	126,000
Total	$2,742,000	$5,825,700	$3,017,200
Ordinary operation		2,742,000	2,742,000
Excess of cost over cost for ordinary operation		$3,083,700	$ 275,200

ESTIMATED COST OF CONSTRUCTION—COMBINATION II.

Assuming construction of tunnels on Broadway and Stockton street but no tunnel on Fillmore street.

Route	Estimated Costs		
	Ordinary Operation	Extraordinary Operation	Joint Operation
Van Ness avenue	$479,200	$1,090,900	$530,800
Potrero avenue	348,800	516,100	355,100
Union street	799,400	1,372,900	843,900
North Point street	235,600	533,300	245,800
Franklin or Gough streets	.....	32,100	32,100
Steiner street	119,700	237,900	126,900
Stockton street	229,200	509,200	237,800
Broadway tunnel	128,700	326,800	131,300
Chestnut street	225,100	504,100	228,100
6 terminals	.....	108,000	108,000
Total	$2,565,700	$5,231,300	$2,839,800
Ordinary operation		2,565,700	2,565,700
Excess of cost over cost for ordinary operation		$2,665,600	$274,100

ESTIMATED COST OF CONSTRUCTION—COMBINATION III.

Assuming construction of tunnel on Stockton street but no tunnel on Broadway or Fillmore street.

Route	Estimated Costs		
	Ordinary Operation	Extraordinary Operation	Joint Operation
Van Ness avenue	$479,200	$1,090,900	$530,800
Potrero avenue	348,800	516,100	355,100
Union street	799,400	1,007,900	812,400
North Point street	235,600	533,300	245,800
Steiner street	119,700	275,900	126,900
Stockton street	229,200	336,700	237,800
Chestnut street	225,100	504,100	228,100
5 terminals	.....	90,000	90,000
Total	$2,437,000	$4,354,900	$2,626,900
Ordinary operation		2,437,000	2,437,000
Excess of cost over cost for ordinary operation		$1,917,900	$189,900

The above estimates do not include the cost of sub-stations or equipment, for the reason that it is believed that suitable arrangements can be made with power companies now operating in San Francisco to furnish electric current cheaper than the City can generate it.

If it is decided to construct sub-stations, they and their equipment will cost as follows:

	Ordinary Operation	Extraordinary Operation	Joint Operation
Combination I	$150,000	$500,000	$150,000
Combination II	140,000	450,000	140,000
Combination III	130,000	350,000	130,000

SUMMARIES.

For convenience of reference, summaries of the above estimates are given below:

	Combination I	Combination II	Combination III
Ordinary capacity	18,000	16,500	16,500
Maximum capacity	63,000	52,500	40,500
Total length new double track	13.85	12.70	11.44
Cars required—			
Ordinary operation	70	63	59
Extraordinary operation	311	376	211
Cost—			
Ordinary operation	$2,742,000	$2,565,700	$2,437,000
Extraordinary operation	5,825,700	5,231,300	4,354,900
Excess over cost for ordinary operation	3,083,700	2,665,600	1,917,900
Cost for joint operation	3,017,200	2,839,800	2,626,900
Excess over cost for ordinary operation	275,200	274,100	189,900
Cost sub-station—			
Ordinary operation	150,000	140,000	130,000
Extraordinary operation	500,000	450,000	350,000

CHURCH STREET LINE—2.45 MILES.

Ordinary capacity	3,000 per hour
Maximum capacity	7,500 per hour
Total length of new road to be constructed by municipality	2.45 miles
Total number of cars required for ordinary operation	15
Total number of cars required for maximum capacity	37
Cost of equipment for ordinary operation	$498,000
Cost of equipment for operation by municipality at maximum capacity	755,000
Cost of equipment for joint operation by municipality and United Railroads at maximum capacity	512,000
Sub-station and equipment for Church street line for ordinary operation	25,000
Sub-station and equipment for Church street line for operation at maximum conditions	65,000

Resolution No. 9995 further requests the Board of Public Works to report as to the time which will probably be required to build and equip such lines as may be embraced in the plan suggested.

Four months will be required in which to prepare plans and specifications, so that contracts can be entered into for the construction of cars and car barns and for the delivery of the material necessary for the construction of the roadbed, trolley feeders and overhead work. It is proposed to enter into contracts for the construction of the cars and car barns and the purchase of all materials as soon as plans and specifications are completed, and to enter into contracts for the construction of the roadbeds as soon as the material commences to arrive.

The Van Ness avenue line will be commenced first, then the Potrero avenue extension of the Van Ness avenue line, and the remaining lines as fast as material arrives. It is estimated that the Van Ness avenue line can be completed within 12 months after contracts for the delivery of material are entered into, and the remaining lines, with the exception of the Church street line, in 16 months. This will make the time required for the construction of the Van Ness avenue line 16 months after the date upon which the preparation of plans and specifications is commenced, and for the remaining lines 20 months.

The above estimates are based upon the assumption that whatever tunnels may be decided upon will be completed at sufficiently early dates as not to delay the construction of street railways through them; that no unnecessary delays will be permitted in the prosecution of the work; that the policy of the City in reference to the extent and type of construction will be decided upon before the preparation of plans and specifications is commenced, and once decided upon will be followed without change. If that policy is not fully decided, or if it is changed after the preparation of plans and specifications has been commenced, or if unnecessary delays in the prosecution of the work are tolerated, the time requqired will be increased proportionately to such delays as may occur.

As the Panama-Pacific Exposition is to open on February 20, 1915, a little over 22 months from the present date, it will be seen that it is imperative that the policy of the City concerning these lines be decided at the earliest possible moment.

It is suggested that as soon as the Board of Supervisors can decide upon what street railways it is desirable to be built and the method by which the roads shall be operated, means be found to place at the disposal of this office a sufficient sum of money to enable it to proceed with the preparation of plans and specifications, so that as soon as the money from the proposed bond issue becomes available, the actual work of construction can be started. The preparation of these plans and specifications would cost approximately $15,000, provided no changes are made in the policy to be pursued after the work is started. If such changes are made, this cost will be increased and may possibly be more than doubled.

The Board of Supervisors should at once take up the consideration of tunnels on Fillmore street and Broadway, and if it is decided to construct them, should push the necessary legal proceedings to a conclusion with all possible expedition.

Respectfully submitted,

M. M. O'SHAUGHNESSY,
City Engineer.

BOND ISSUE FOR MUNICIPAL RAILWAYS.

Following the receipt of the foregoing report the Board of Supervisors initiated proceedings for a bond issue of $3,500,000 for the purpose of obtaining funds for the construction of the railways described, with the exception of the proposed line through a tunnel at Fillmore street which was deemed inexpedient.

On April 29, 1913, an ordinance was introduced and finally passed on May 12, determining and declaring that the public interest and necessity demanded the acquisition and construction of a system of municipal street railways over and along the public streets, or rights of way from The Embarcadero to terminals at the Panama-Pacific International Exposition grounds, and the Presidio Military Reservation; from various points in Market street, and in and through Stockton street to the same terminals; from Market street to a terminal in the Potrero District; on Van Ness avenue, and from such avenue along connecting streets to Church street, and along Church street to convenient terminals; along California street from Thirty-third avenue to First avenue, and over connecting streets to Geary street, and for such extensions and additions to the system as may be deemed necessary, and to include equipment thereof, appurtenances thereto, and purchase of necessary lands.

In order to comply with the provisions of the charter a resolution was adopted on April 28, providing that offers to sell to the city any street railway system operated over any street in the city would be considered by the Supervisors on June 2. No offers were received.

On June 9, a resolution was adopted reciting that plans and estimates of cost of the proposed street railways had been filed on May 29, and declaring that the cost would be too great to be paid out of the ordinary revenue of the City.

On July 14, an ordinance was finally passed calling a special election to be

held on August 26, providing for a bond issue to the amount of $3,500,000 for the acquisition or construction of the system of railways described in the initial resolution. The bonds were to bear five per cent interest, payable semi-annually and to mature, $100,000 on December 1, 1918, and a like amount thereafter for 35 years. Of the total amount $525,000 were to be of $100 denomination, $1,050,000 of $500 denomination and $1,925,000 of $100,000 denomination.

The election was duly held on August 26th with the following result:

The total number of votes cast was 65,522.

Votes in favor of the issue 51,452.

Votes against the issue, 13,782.

In accordance with the foregoing vote authorizing the issue, ordinance No. 2451 (New Series) was finally passed authorizing the issue of $3,500,000 bonds as described in the ordinance calling the election.

ACQUISITION OF PRESIDIO AND FERRIES RAILWAY.

On December 10, 1913, the franchise of the Presidio and Ferries Railway Company expired. This line extended from the Ferry to the Presidio and covered one of the routes planned for the municipal railway system. The taking over of this railway by the city at the expiration of the franchise had been practically agreed to by the city and the company. The details of the purchase are fully set forth in the report of the City Attorney published in this volume.

The road became the property of the City on December 10, 1913, at midnight, and thereafter has been operated by the City as a municipal railway.

(The details of the construction of the municipal railway to July 1, 1914, are to be found in the report of the City Engineer published in this volume.)

AGREEMENT WITH OCEAN SHORE RAILWAY COMPANY.

In connection with the construction of the municipal railway on Potrero avenue it became necessary for the City to exercise the rights reserved to the City to utilize the tracks of the Ocean Shore Railway as stipulated in the franchise granted to that company. This necessitated the reconstruction of such tracks and resulted in an agreement respecting the same which agreement is set forth in the following resolution:

J. R. No. 1305.

Resolved, That his Honor the Mayor be and he is hereby authorized to make and execute an agreement between the City and County of San Francisco, a municipal corporation, party of the first part, and Ocean Shore Railroad Company, a corporation, organized and existing under and by virtue of the laws of the State of California, the party of the second part, said agreement being as follows:

This agreement, made and entered into this ..... day of ....., 1914, by and between the City and County of San Francisco, a municipal corporation, party of the first part, and Ocean Shore Railroad Company, a corporation organized and existing under and by virtue of the laws of the State of California, party of the second part,

Witnesseth that:

Whereas, The said party of the second part is the owner of a railroad constructed pursuant to a franchise heretofore granted by the City and County of San Francisco along that portion of Potrero avenue in said City and County of San Francisco, extending from where said roalroad as now constructed emerges from the property line of that certain block of land in said City bounded by Mariposa street, Potrero avenue, Eighteenth street and Hampshire street; thence extending southerly along said Potrero avenue to where the same intersects and crosses Twenty-fifth street; which said railroad as constructed at the present time is a single-track road and the rails used in such construction of said road are of the pattern known as "T" rail; and

Whereas, The said party of the first part is about to construct, maintain and operate a municipally owned street railroad upon, over and along that portion of Potrero avenue occupied by the above described single-track railroad belonging to the said party of the second part; and

Whereas, The party of the first part, under a contract, by Ordinance heretofore made and entered into between the said party of the first part and the predecessor in interest of the said party of the second part, was granted the right to use free of cost to said party of the first part, the road, track and bed of the hereinbefore described railroad, for the operation of a municipally operated street railway; and

Whereas, The said party of the second part desires to have the above described railroad constructed upon the alignment now occupied upon the above described portion of Potrero avenue in harmony with all its details with the standard construction heretofore adopted by the City and County of San Francisco; and

Whereas, An additional single-track railroad will have to be constructed upon, over, along and across said Potrero avenue, parallel to the railroad tracks of the said party of the second part in order that said railroad tracks of the said party of the second part may be used by the party of the first part for the operation of a municipally owned street railroad, which additional single-track railroad said party of the first part proposes to construct at its own cost and expense; and

Whereas, The reconstruction of said portion of said railroad which the said party of the second part desires to have reconstructed can be more efficiently and economically performed at the same time that the said party of the first part is constructing its railroad on Potrero avenue, to which end it has been agreed by and between the parties hereto that the said party of the first part at the time and in the manner it so constructs the said railroad on Potrero avenue, will reconstruct the railroad of the said party of the second part thereupon;

Now therefore, for and in consideration of the mutual promises and agreements herein contained, the parties hereto severally covenant and agree as follows: That the said party of the first part at the time it constructs its street railroad on Potrero avenue will reconstruct the line of railroad of the said party of the second part upon that portion of Potrero avenue hereinbefore described; that the same shall be constructed in all respects in harmony with the standard of construction of the above described additional track, paralleling the tracks of the said party of the second part, and that all of said material and all of said labor shall be furnished by the said party of the first part;

In consideration therefor the said party of the second part does hereby agree to pay to the said party of the first part on or before the first day of April, 1915, the sum of thirty-two thousand six hundred and one and 48-100 (32,601.48) dollars, and if said sum is not so paid, then it shall bear interest from said date at the rate of seven (7) per cent per annum until paid.

It is further understood and agreed that the said party of the first part shall, at its own cost and expense, construct and install a second track parallel to the track of the said party of the second part on that portion of said Potrero avenue above referred to; that it will also install all track special work, turnouts, crossovers and overhead construction which may be necessary to enable trains of the said party of the second part to cross over from its own tracks to the tracks of the party of the first part, and from the tracks of the part of the first part back to the tracks of the party of the second part when completed, both at Eighteenth street and Potrero avenue and at Twenty-fifth street and Potrero avenue, as well as all crossings that may be necessary at all points where the track of the said party of the first part intersects and crosses over the said tracks of the said party of the second part, and all special work and switches and overhead construction necessary in connection therewith so as to enable and permit the road of the said party of the first part to cross over the track and line of the said party of the second part where found and deemed necessary for that purpose. Said double track, when constructed on Potrero avenue, shall be jointly used by the said party

of the first part and the said party of the second part, under such reasonable regulations as to such operation as will be just and equitable.

It being further understood and agreed, that from time to time, as the reconstruction of the said railroad of the party of the second part progresses, the party of the first part will deliver to said party of the second part on Potrero avenue, alongside of the reconstructed tracks, such rails, rail joints, cross ties and other material removed from the present roadbed of the party of the second part, as may be of value.

It being further understood and agreed that the said party of the first part shall remove the 35 steel trolley poles now in use by the said party of the second part on Potrero avenue between Mariposa street and Twenty-fifth street, and shall set these poles, together with 47 new steel trolley poles of the same kind and character, which will be furnished by the said party of the scond part, at the curb lines of Potrero avenue, and shall furnish and install span wires and other overhead construction and shall support from said span wires the trolley wires of said party of the second part over the railroad belonging to the said party of the second part, and shall furnish and suspend from said span wires a trolley wire over the railroad belonging to said party of the first part; and the said party of the second part agrees that in the event all or any of said 35 steel trolley poles now standing on Potrero avenue shall be found to be so depreciated by rusting or otherwise, as to be unsuitable for further use in supporting the overhead trolley wires, to furnish, at its own cost and expense, suitable new steel trolley poles to replace said depreciated trolley poles.

It being further understood and agreed that in reconstructing the trolley wire of the party of the second part over the railroad belonging to said party of the second part, and in constructing a trolley wire over the railroad belonging to the said party of the first part, as aforesaid, the party of the first part will so arrange said trolley wires and the feeder cables therefor so that the said party of the second part can connect its trolley wire south of Twenty-fifth street to said trolley wires, and electric current may flow from said trolley wires on Potrero avenue to said trolley wire south of Twenty-fifth street, and said party of the first part will permit said party of the second part either to make such a connection between said trolley wires on Potrero avenue and said trolley wires south of Potrero avenue and to draw electric current from said trolley wires on Potrero avenue, for the purpose of operating its railroad south of Twenty-fifth street, under such terms and conditions as may be just and equitable, or, in the event that for any reason it shall be found undesirable to permit of this connection, will permit the party of the second part to use one of the underground ducts which said party of the first part proposes to install in Potrero avenue between Mariposa street and Twenty-fifth street for the purpose of installing an electric feeder cable which may be used to deliver electric current to said trolley wire south of Twenty-fifth street without expense to said party of the second part.

It being further understood and agreed that after completion said double-track roadbed, including the pavement between the rails and on two (2) feet on each side, and the overhead construction necessary and appurtenant thereto shall be jointly maintained by the said party of the first part and the said party of the second part, each paying one-half of the cost of said maintenance.

In witness whereof, the said parties hereunto have caused these presents to be executed the day and year first hereinabove written.

CITY AND COUNTY OF SAN FRANCISCO,

By.....

Mayor.

OCEAN SHORE RAILROAD COMPANY.

Attest:

.....

Adopted, June 9, 1914.

By.....

FINANCIAL REPORT OF MUNICIPAL RAILWAYS.

In accordance with the provisions of the charter a special financial report of the operation of the municipal railway as a public utility was prepared by public accountants employed by the Board of Supervisors.

This report covering the operation of the municipal railways to January 1, 1915, is as follows:

San Francisco, California, April 10, 1915.

To the Honorable the Finance Committee, Board of Supervisors, San Francisco, California.

Gentlemen:

In consonance with general instructions and in particular with the provisions of Article XII, Section 16, Paragraph 3, of the Charter referring to books of account of public utilities, there is submitted herewith a financial report of the Municipal Railway showing that the net profit on operation for the period from January 1, 1914, to December 31, 1914, is $216,541.25. That after deducting the comparison charges for services rendered by other departments of the Municipal Governments, for insurance and for taxes,—thus showing the accounts as if the Railways were owned by a private corporation,—the net profit is $112,475.79. In the comparison charge there is included $98,047.46 for Federal, State and Municipal taxes, and $6,018.00, the estimated value of service rendered to the Railway by other Municipal Departments. Adding to the profits of the year 1914, those of the Geary Street Division for the year 1913, the total profit for two years, i. e., since the beginning of operations, December 28, 1912, to December 31, 1914, has been $301,887.05—or, after deduction of comparison charges, $157,780.26.

Attention is directed to the fact that $48,971.20 was taken from the Surplus Account (earnings) of the Municipal Railway and transferred to the General Fund of the City and County of San Francisco.

There are herewith presented:

BALANCE SHEET. As of December 31, 1914.

INCOME ACCOUNT. Period January 1, 1914, to December 31, 1914, together with analyzing exhibits prepared in compliance with Charter requirements, also

MONTHLY INCOME ACCOUNT. Period January 1, 1914, to December 31, 1914, without consideration of the comparison charges.

Article 12, Section 16, Paragraph 3, provides:

"The City and County, when owning any public utility shall keep the books of account for such utility distinct from other City and County accounts and in such a manner as to show the true and complete financial results of such municipal ownership. * * * If any service shall be furnished * * * without charge, the accounts shall show * * * the value of such service, and also the value of such similar service rendered by the public utility, to any other municipal department without charge. Such accounts shall also show reasonable allowance for interest, depreciation and insurance, and estimates of the amount of taxes that would be chargeable against such property if owned by a private corporation. The Supervisors shall cause to be printed annually for public distribution a report showing the financial results, in form as aforesaid. * * *"

The accounts are maintained in the Bookkeeping Department of the Board of Public Works, as prescribed by the Interstate Commerce Commission, as nearly as practicable.

Faithfully yours,

WILLIAM DOLGE,
Certified Public Accountant.

MUNICIPAL RAILWAY—BALANCE SHEET AS OF DECEMBER 31. 1914.

Prepared in compliance with Charter provisions, Art. 12, Sec. 16, Par. 3, for comparison with privately owned utilities.

Assets.			Liabilities.			
Cost of Road and Equipment		$4,980,177.69	Funded Debt	—Exhibit E		$5,459,800.00
General Expenditures	—Exhibit A	284,420.13	Contribution from Premium on Bonds			26,000.38
Municipal Bonds Owned	—Exhibit B	212,600.00	Contribution from Taxes	—Exhibit F		275,292.61
Cash in City Treasury	—Exhibit C	1,772,830.15	Current Liabilities	—Exhibit G		961,373.36
Other Current Assets	—Exhibit D	22,146.37	Reserves			307,397.47
			Depreciation		$288,753.43	
			Compensation Insurance		15,388.71	
			Insurance on Cars		3,255.33	
			Obligatory Charter Reserve for Taxes			133,501.46
			Surplus			108,809.06
			Net Profit—Year 1913		$ 45,304.47	
			Year 1914 as per Income Acct.		112,475.79	
					$157,780.26	
			Less Contribution to General Fund		48,971.20	
		$7,272,174.34				$7,272,174.34

I have audited the above Balance Sheet and certify that it is correctly prepared from the accounts in compliance with Charter requiremnts to show the financial condition of the Municipal Railway of San Francisco as at December 31, 1914.

WILLIAM DOLGE,
Certified Public Accountant.

San Francisco, Cal., April 10, 1915.

The accounting procedure, Balance Sheet and Income Account conform to the requirements of the Interstate Commerce Commission as closely as practicable. With respect to liabilities and capital side of Balance Sheet, several novel points must be considered. Like a private corporation, the Municipal Railway has a funded debt, but unlike a private corporation there is no capital stock. There are, however, contributions to capital from premium on bonds and from taxes, direct and indirect, which are accounted under the heading "Contribution from Taxes," and are analyzed in Exhibit "F". The Charter also specifically requires that depreciation, insurance and taxes shall be accounted, although the Municipal Railway has no taxes to pay. Resultingly, the deduction from income on account of taxes appears on the Balance Sheet as a credit (surplus) item under the caption "Obligatory Charter Reserve for Taxes." A "dividend" of $48,971.20 was declared and paid out of surplus earnings in 1914, that being the amount that was actually transferred to the General Fund of the City and County of San Francisco out of earnings.

MUNICIPAL RAILWAY

INCOME ACCOUNT—YEAR ENDING DECEMBER 31, 1914.

Prepared in compliance with Charter provisions, Art. 12, Sec. 16, Par. 3, for comparison with privately owned utilities.

Operating Revenues		$1,159,438.01
Passenger Revenues—Exhibit 1	$1,150,236.39	
Miscellaneous Revenues	9,201.62	
Less Operating Expenses—Exhibit 2		828,656.17
Way and Structures	$ 21,852.67	
Equipment	48,083.03	
Power	137,839.18	
Conducting Transportation	353,033.88	
Traffic	356.10	
General and Miscellaneous	52,774.47	
General (Comp'n charges required by charter)	6,018.00	
Depreciation 18% of Gross Revenue	208,698.84*	
Net Operating Revenue		$330,781.84
Add Miscellaneous Income—Exhibit 3		6,123.74
Income from Municipal Bonds Owned.		
Gross Income, Less Operating Expenses		$336,905.58
Deductions from Income		224,429.79
Taxes (Comparison Charges required by Charter)		
State Franchise 5¼% on Gross Revenue	$60,870.50	
Municipal Franchise 3% on Pass. Revenue	34,507.09	
Municipal Car License	1,533.75	
Federal Income—1% on Net Income	1,136.12	
Total Taxes	$98,047.46	
Interest on Funded Debt (Exhibit 4)	$122,642.08	
Other Interests	3,740.25	126,382.33
Net Profit for the Year 1914		$112,475.79

Note: The Municipal Railway pays no taxes, nor is any payment made for services rendered to the Municipal Railway by other departments of the Municipal Government. The above Income Account includes the comparison charges required by Art. 12, Sec. 16, Par. 3, of the Charter.

Taking the Profit shown above	$112,475.79
And Adding Comparison Charge for Legal and Clerical Services	6,018.00
And Comparison Charges for Taxes	98,047.46
Produces the True Net Profit for the Year	$216,541,25

*See footnote to Monthly Income Account.

MUNICIPAL RAILWAY—MONTHLY INCOME ACCOUNT—PERIOD JANUARY 1, 1914, TO DECEMBER 31, 1914.

Without consideration of comparison charges required by Art. 12, Sec. 16, Par. 3 of the Charter.

	Operating Revenues	Operating Expense	Depreciation	Net Operating Revenue	Interest on Bonds Owned	Gross Income Less Operating	Interest	Surplus
Dec., 1913, 21 days	$ 20,208.45*	$ 9,915.18*	$ 3,637.52*	$ 6,655.75*			$ 765.72*	
January, 1914	82,311.70	41,791.68	14,816.11	25,703.91	369.62	32,729.28	9,033.35	22,930.21
February	75,815.66	39,479.25	13,646.82	22,689.59	369.62	23,059.21	11,689.98	11,369.23
March	87,773.28	43,855.07	15,799.19	28,119.02	369.62	28,488.64	10,422.60	18,066.04
April	84,276.01	42,150.57	15,169.68	26,955.76	369.62	27,325.38	8,311.36	19,014.02
May	87,128.12	43,654.90	15,683.06	27,790.16	369.62	28,159.78	7,584.29	20,575.49
June	84,206.73	43,828.67	15,157.21	25,220.85	369.65	25,590.50	6,576.67	19,013.83
Total to June 30, 1914	$ 521,719.95	$264,675.32	$ 93,909.59	$163,135.04	$2,217.75	$165,352.79	$ 54,383.97	$110,968.82
July	92,709.36	43,128.90	16,687.68	32,892.78	162.50	33,055.28	6,628.97	26,426.31
August	97,673.55	50,829.18	17,581.24	29,263.13	662.46	29,925.59	9,074.69	20,850.90
September	109,126.35	61,900.12	19,642.74	27,583.49	751.43	28,334.92	12,124.57	16,210.35
October	115,227.97	60,768.26	20,741.04	33,718.67	760.88	34,479.55	12,999.72	21,479.83
November	109,292.10	58,948.02	19,672.58	30,671.50	774.63	31,446.13	15,013.29	16,432.84
December	113,688.73	63,683.23	20,463.97	29,541.53	794.09	30,335.62	16,157.12	14,178.50
	$1,159,438.01	$603,933.03	$208,698.84	$346,806.14	$6,123.74	$352,929.88	$126,382.33	$226,547.55
		†Add 10,006.30		†Less 10,006.30		†Less 10,006.30		†Less 10,006.30
Total to Dec. 31, 1914	$1,159,438.01	$613,939.33	$208,698.84	$336,799.84	$6,123.74	$342,923.58	$126,382.33	$216,541.25

Notes.—*Union Street Division—December, 1913. †Operating Expenses—Accident settlements, etc., not chargeable to any given month.

Depreciation.—The reserve for depreciation and renewals is computed at 14% of the gross operating revenues, instead of on annual percentages of physical value of the property. The rate of 14% is arbitrary, being based on Chicago experience as reported by Bion J. Arnold (12 per cent.) and the opinion of Delos F. Wilcox as expressed in a paper on "Elements of a Constructive Franchise Policy." There is added 4 per cent. on the gross revenue for injuries and accidents, percentage based on experience of United Railroads of San Francisco. The method is simple and direct and if subsequent actual experience shows the rate to be too high, adjustment may easily be made.

MUNICIPAL RAILWAYS.

EXHIBIT A—GENERAL EXPENDITURES—DECEMBER 31, 1914.

Interest on Funded Debt during Construction		$211,818.04
Interest on Geary St. Bonds sold to 12-31-14	$316,035.00	
Interest on Market St. Bonds sold to 12-31-14	6,210.00	
Interest on Municipal St. Ry. Bonds sold to 12-31-14	144,342.50	
	$466,587.50	
Deduct Accrued Interest received from Bond Buyers	58,240.84	
Total Net Interest Accrued to Dec. 31, 1914	$408,346.66	
Less Amount deducted from Income	196,528.62	
Net Amount of Interest Capitalized	$211,818.04*	
Cost of Elections		57,092.91
Bond Election held December 30, 1909	$ 15,222.39	
Market St. Agreement Referendum, April 22, 1913	14,406.15	
Bond Election held August 26, 1913	27,464.37	
Legal Services		12,778.65
Miscellaneous		2,730.53
		$284,420.13

* It is estimated that $33,535.40 was earned as interest and credited to the General Fund on Municipal Railway Bond, Interest and Operating Funds during the three years ending December 31, 1913. The similarly earned interest for 1914 is estimated at $2,000.00. This credit is not accounted, though it might be treated as a deduction from "Contribution from Taxes." Interest on all outstanding 4½% bonds (Geary and Market issues) since July 1, 1913, has been treated as a deduction from income. Of the interest on the 5% Municipal Railway Bonds (issue of 1913) $72,199.23 has been capitalized, the balance, $34,037.08, was treated as a deduction from income.

MUNICIPAL RAILWAY.

EXHIBIT B—MUNICIPAL BONDS OWNED—DECEMBER 31, 1914.

Golden Gate Park Extension 3½% Issue of 1904		$ 8,200.00
7 No. 71 to No. 77 at $100.00	$ 700.00	
7 No. 71 to No. 77 at $500.00	3,500.00	
4 No. 41 to No. 44 at $1,000.00	4,000.00	
Hospital 5% Issue of 1908		25,000.00
10 No. 247 to No. 256 at $1,000.00	$ 10,000.00	
15 No. 286 to No. 300 at $1,000.00	15,000.00	
School 5% Issue of 1908		28,000.00
4 No. 233 to No. 236 at $1,000.00	$ 4,000.00	
24 No. 377 to No. 400 at $1,000.00	24,000.00	
School 3½% Issue of 1904		15,100.00
41 No. 433 to No. 473 at $100.00	$ 4,100.00	
11 No. 720 to No. 730 at $1,000.00	11,000.00	

Mission Park 3½% Issue of 1904		7,300.00
8 No. 81 to No. 88 at $100.00	$ 800.00	
3 No. 31 to No. 33 at $500.00	1,500.00	
5 No. 51 to No. 55 at $1,000.00	5,000.00	
Garbage 5% Issue of 1908		27,000.00
11 No. 213 to No. 223 at $1,000.00	$ 11,000.00	
8 No. 201 to No. 208 at $1,000.00	8,000.00	
8 No. 243 to No. 250 at $1,000.00	8,000.00	
Playground 3½% Issue of 1904		5,000.00
5 No. 161 to No. 165 at $1,000.00	$ 5,000.00	
Water Supply 4½% Issue of 1909		60,000.00
60 No. 541 to No. 600 at $1,000.00	$ 60,000.00	
Geary Street Railway 4½% Issue of 1910		37,000.00
7 No. 16 to No. 22 at $1,000.00	$ 7,000.00	
30 No. 26 to No. 55 at $1,000.00	30,000.00	
		$212,600.00

NOTE—All of the above bonds mature in 1915.

EXHIBIT C—CASH IN CITY TREASURY—DECEMBER 31, 1914.

Bond Funds		$1,200,733.05
Geary Street Bond Fund 1910	$ 85,120.06	
Market Street Bond Fund 1910	23,803.57	
Municipal Street Ry. Bond Fund 1913	1,091,809.42	
Bond Interest Funds		43,832.41
Geary Street Bond Interest Fund	$ 1,272.97	
Market Street Bond Interest Fund	2,183.55	
Municipal Street Ry. Bond Interest Fund	40,375.89	
Municipal Railway Fund		528,264.69
		$1,772,830.15

MUNICIPAL RAILWAY.

EXHIBIT D—OTHER CURRENT ASSETS—DECEMBER 31, 1914.

Amount due from United Railroads of San Francisco for transfers honored July to December, 1914, inclusive	$ 6,369.54
Sundry Accounts Receivable	277.13
Material and Supplies on Hand in Storeroom	10,694.20
Accrued Interest on Municipal Bonds Owned	4,805.50
	$22,146.37

EXHIBIT E—FUNDED DEBT—DECEMBER 31, 1914.

4½ Bonds—Issue of July 1, 1910*

Geary Street Railway—West from Kearny St. authorized, issued and outstanding		$1,900,000.00
Geary Street Railway—Kearny Street to Ferries		69,000.00
Authorized	$ 120,000.00	
Not issued	51,000.00	
5% Bonds—Issue of December 1, 1913†		
Municipal Street Railway		3,490,800.00
Authorized	$3,500,000.00	
Not issued	9,200.00	
		$5,459,800.00

EXHIBIT F—CONTRIBUTION FROM TAXES—DECEMBER 31, 1914.

Taxes Collected to Meet Interest on Funded Debt		$ 230,464.07
Fiscal Year 1910-1911	$45,710.93	
Fiscal Year 1911-1912	34,465.12	
Fiscal Year 1912-1913	90,285.78	
Fiscal Year 1913-14	45,861.02	
Fiscal Year 1914-15	14,141.22	
Cost of Bond Election December 30, 1909, and Referendum Election April 22, 1913		29,628.54
Legal Expense—Services of City Attorney		13,500.00
Clerical Service—Board of Public Works and Supervisors		1,700.00
		$275,292.61

MUNICIPAL RAILWAY.

EXHIBIT G—CURRENT LIABILITIES—DECEMBER 31, 1914.

Matured Interest on Funded Debt		$131,670.00
On Construction Account		730,233.91
Demands Audited, not paid	$ 11,442.22	
Demands Approved, not audited	171,163.80	
Due on Contracts, not completed	547,627.89	
On Operating Expense Account		84,924.45
Demands Audited, not paid	$ 8,112.03	
Demands Approved, not audited	70,806.12	
Liabilities incurred, demands not filed	6,006.30	
Interest Accrued on Funded Debt—Not Due		14,545.00
		$961,373.36

* Serial Bonds, Maturities 1915 to 1934, Redemption $101,000.00 each year.
† Serial Bonds, Maturities 1918 to 1952, Redemption $100,000.00 each year.

EXHIBIT 1—PASSENGER REVENUES—DECEMBER 31, 1914.

January, 1914	$ 82,263.31	January	72 cars
February	75,815.66	February	72 cars
March	87,698.28	March	72 cars
April	84,201.01	April	72 cars
May	86,053.12	May	72 cars
June	84,131.73	June	72 cars
July	85,534.36	July	72 cars
August	*97,673.55	August	95 cars
September	109,079.88	September	113 cars
October	115,227.97	October	143 cars
November	108,704.03	November	154 cars
December	113,645.04	December	197 cars
Total for 1914	$1,130,027.94	21 days December	
Add Union St. Division Dec. 11 to 31, 1913	20,208.45		
	$1,150,236.39		

MUNICIPAL RAILWAY.

EXHIBIT 2—OPERATING EXPENSES—DECEMBER 31, 1914.

I.	Ways and Structures		$ 21,852.67
Acct. No.			
6	Special work	$ 451.60	
8	Track and Roadway Labor	5,609.40	
9	Miscellaneous Track and Roadway Expenses	483.79	
10	Paving	4,202.08	
11	Cleaning and Sanding Tracks	4,822.87	
17	Signal and Interlocking Apparatus	9.46	
20	Poles and Fixtures	8.20	
21	Underground Conduits	63.09	
22	Distribution System	5.35	
22d	Overhead Trolleys	3,854.27	
23	Miscellaneous Electric Line Expenses	.40	
24	Miscellaneous Buildings and Structures	386.97	
24c	Car Houses	845.06	
24d	Shops	14.29	
24e	General Offices	1,095.84	
II.	Equipment		48,083.03
29	Superintendence of Equipment	$ 1,560.00	
30	Passenger Cars	33,497.72	
33	Electric Equipment of Cars	12,298.30	
36	Shop Machinery and Tools	246.38	
37	Shop Expense	416.66	
38	Vehicles and Horses	61.60	
39	Miscellaneous Equipment Expenses	2.37	

* Commencing August 15, 1914, Van Ness avenue (D) and Potrero avenue (H) lines went into operation.

III.	Power			137,839.18
57	Sub-station Employees		$4.90	
59	Power Purchased		137,834.28	
IV.	Conducting Transportation			353,033.88
63	Superintendence of Transportation	$	20,082.33	
64a	Conductors		149,793.05	
64b	Motormen		141,813.65	
66	Miscellaneous Car Service Employees		1,129.95	
67	Miscellaneous Car Service Expense		2,097.86	
67b	Lubricants and Waste		570.37	
67c	Special Agents and Fare Registers		574.97	
67d	Incandescent Lamps		1,107.46	
69	Station Expenses		74.26	
70	Carhouse Employees		32,564.90	
71	Carhouse Expense		3,191.68	
78	Other Transportation Expenses		28.45	
78a	Clearing Wrecks		4.95	
V.	Traffic			356.10
80	Advertising	$	356.10	
VI.	General and Miscellaneous			58,792.47
83	Salaries and Expenses of General Officers	$	6,669.15	
84	Salaries and Equipment—General Office Clerks		7,290.10	
85	General Office Supplies and Expenses		333.39	
89	Miscellaneous General Expenses		248.58	
92	Injuries and Damages		7,599.30	
93	Insurance		16,573.66	
94	Stationery and Printing		2,596.52	
94a	Tickets and Transfers		4,067.77	
95	Store Expense		429.38	
96	Stable Expense		1,271.99	
		$	47,079.84	
	Add Undistributed Accounts		5,694.63	
		$	52,774.47	
	Add Comparison Charges required by Charter			
84	Salaries of Clerks Board of Works		900.00	
86	Law Expenses		3,000.00	
93	Insurance on Cars		2,118.00	
		$	58,792.47	
	Depreciation, 18% of Gross Revenue			208,698.84
	January 1, 1914, to June 30, 1914	$	93,909.59	
	July 1, 1914, to Dec. 31, 1914		114,789.25	
				$828,656.17

MUNICIPAL RAILWAY.

EXHIBIT 3—INTEREST EARNED ON SECURITIES OWNED.

YEAR ENDED DECEMBER 31, 1914.

Issue	Year	Rate	Amount Earned
Golden Gate Park Extension	1904	3½%	$ 259.58
Hospital	1908	5 %	1,330.05
School	1908	5 %	1,882.23
School	1904	3½%	220.21
Mission Park	1904	3½%	234.21
Garbage	1908	5 %	522.51
Playground	1904	3½%	71.95
Water Supply	1909	4½%	1,072.50
Geary Street Railway	1910	4½%	530.50
			$6,123.74

EXHIBIT 4—INTEREST ON BONDED DEBT—DECEMBER 31, 1914.

Interest at 5% on amount invested out of proceeds of sale of Municipal Railway Bonds of 1913, in that part of the road that was actually in operation, viz		$ 34,037.08
Union Street Division	$ 312,535.32	
Van Ness (D) and Potrero (H) Lines	1,115,252.00	
Additional Equipment—Cars	111,450.00	
	$1,539,237.32	
Interest on $69,000.00 Market St. Ry. Bonds for Year Ending December 31, 1914, @ 4½%		3,105.00
Interest on $1,900,000.00 Geary Street Ry. Bonds for Year Ending December 31, 1914, @ 4½%		85,500.00
		$122,642.08

MUNICIPAL RAILWAY.

STATISTICAL DATA, YEAR 1914.

	Total Amount	Per Car Mile	Per Car Hour
Total Passenger Revenue	$1,150,236.39	$ .35046	$3.1745
Total Operating Expense	613,939.33	.18706	1.6944
Operating Earnings (Taxes and Depreciation not deducted)	536,297.06	.16340	1.4801
Ratio of Earnings to Passenger Revenue	.4662		
Total Taxes and Charter Charges	$ 104,065.46	.03171	.2872
Ratio to Passenger Revenue	.0905		
Operating Expenses and Taxes	$ 718,004.79	.21877	1.9816
Ratio to Passenger Revenue	.6242		
Depreciation	$ 208,698.84	.06359	.5760
Ratio to Passenger Revenue	.1814		
Operating Expenses and Depreciation	$ 828,656.17	.25248	2.2870
Operating Expenses, Depreciation and Taxes	$ 926,703.63	.28236	2.5576
Ratio to Passenger Revenue	.8057		
Net Income from Operation (After deduction of Depreciation, Taxes, etc.)	$ 223,532.76	.06811	.6169
Ratio to Passenger Revenue	.1943		
Passenger Car Mileage	3,282,012		
Passenger Car Hours	362,333		
Total Platform Expense (37½c per hour, 8 hours per day $3.00)	$ 291,606.70	.08885	.8048
Number of Cars Owned	197		

Mileage—Single Track

January 1, 1914, to August 15, 1914	21.58
August 15, 1914, to September 7, 1914	26.84
September 7, 1914, to December 28, 1914	31.08
December 28, 1914, to December 31, 1914	36.20
Co-jointly owned with U. R. R.	1.04
Total Mileage operated Dec. 31st	37.24

Passengers Carried

5c. fare	22,732,478
Government	15,813
School	150,335
Revenue transfers	606,061
Free transfers	4,207,302
Free passengers (emp. police, etc.)	221,060
	27,933,049

MUNICIPAL RAILWAY.

ANALYSIS OF PASSENGER RECEIPTS BY LINES.

	Total	Geary to Park (A)	Geary to Beach (B)	Union St. (E)	Van Ness Ave (D)	Potrero Ave. (H)	Stockton St. (F)
January	$ 82,635.60	$ 25,025.60	$ 29,923.55	$ 27,686.45	Commenced Operations	Commenced Operations	Commenced Operations
February	76,159.75	23,365.55	26,655.60	26,138.60	Aug. 15, 1914	Aug. 15, 1914	Dec. 28, 1914
March	88,266.75	27,486.30	31,288.65	29,491.80			
April	84,747.85	26,177.90	29,752.20	28,817.75			
May	86,645.90	27,539.65	30,107.50	28,998.75			
June	85,025.60	27,698.60	30,208.95	27,118.05			
July	86,439.10	27,484.60	30,790.90	28,163.60			
August	98,272.30	28,935.10	30,994.85	27,320.10	$ 8,006.10	$ 3,016.15	
September	109,447.80	27,365.70	32,372.90	25,179.15	15,809.70	8,720.35	
October	115,571.70	27,606.25	34,601.65	26,493.85	18,058.80	8,811.15	
November	109,331.10	25,317.00	31,410.85	25,621.60	18,741.00	8,240.65	
December	113,948.15	25,274.80	31,760.90	25,827.00	21,550.35	8,536.70	$998.40
	$1,136,491.60	$319,277.05	$369,868.50	$326,856.70	$82,165.95	$37,325.00	$998.40
	20,001.60	(Union St., 21 days Dec., '19)		20,001.60			
	$1,156,493.20	Total 5c fares		$346,858.30			
		$23,397.96	transfers honored by connecting lines.				
	11,275.66	12,122.30	transfers honored from connecting lines.				
	$1,145,217.54						
	5,018.85	School tickets, Q. M. D. tickets, special cars, etc.					
	$1,150,236.39	Total Passenger Revenue as per Income Account.					

S. P. Company's Depot Franchise

The Southern Pacific Company being desirous of erecting a new depot at Third and Townsend Streets, and to re-arrange its tracks between Third and Seventh Streets, filed its application for a franchise so as to permit the carrying out of this improvement. The matter was considered by the Public Utilities Committee of the Board of Supervisors at various times during the year 1913 and in November 10, 1913, a bill was passed to print (Bill No. 2760) that was not acceptable to said company. A copy of said bill can be found at page 218 of the printed Journal of Proceedings. On March 3, 1914, the matter came up for further discussion and a number of amendments were made to the bill originally passed to print. For a copy of the amendments and the discussion thereon see Journal of Proceedings at pages 221 to 224.

On March 16 there was a further debate on the bill for which see Journal of Proceedings, pages 245 to 249.

On March 23 Ordinance No. 2683 (New Series) was finally passed and was approved by the Mayor on March 26, 1914.

The following is the text:

BILL NO. 2760. ORDINANCE NO. 2683. (New Series.) Providing for a grant and granting to Southern Pacific Company, a railroad corporation, its successors and assigns, the right to construct, maintain and operate certain standard-gauge railroad tracks under, over, along and across certain streets, avenues, alleys, places and properties in the City and County of San Francisco, State of California.

Be it Ordained by the People of the City and County of San Francisco, as follows:

Section 1. That the right of way be and is hereby granted unto the Southern Pacific Company, a railroad corporation incorporated under laws of the State of Kentucky, and having its principal office and place of business in the City and County of San Francisco, State of California, and to its successors and assigns, for the term of forty years from the date of the passage of this Ordinance, except as otherwise herein provided, said corporation having more than fifty miles of railroad actually constructed and in operation—to use the portions of streets, avenues, alleys, places and properties hereinafter mentioned and described, for railroad purposes as hereinafter set forth; and to that end said Southrn Pacific Company, its successors and assigns, is hereby granted the right to construct, maintain and operate, by means of steam, electricity, or other motive power authorived by law, the following described standard-gauge railroad tracks upon, along, across and over the portions of said streets, avenues, alleys, places and properties hereinafter described, upon the route of and traversed by said railroad, and the right to construct, maintain and operate all necessary side-tracks, turnouts, switches, crossings, spur-tracks, yard tracks, depot tracks and terminal tracks and facilities, and to connect any or all of the tracks hereinbefore or hereinafter described with the main line or lines of railroad operated by said company, all as hereinafter set forth:

First: Beginning at four points in the existing passenger train double tracks and freight train double tracks of said Southern Pacific Company at or near the intersection of Seventh and Berry streets; thence in a northerly direction, on a curve to the right, crossing Berry street with five tracks, into and across yards and property of the Southern Pacific Company, crossing King street in a northerly direction on a curve to the right with five tracks; crossing Sixth street between Townsend and King streets with twenty-one tracks; crossing Fifth street, between

Townsend and King streets, with twenty-two tracks; and crossing Fourth street between Townsend and King streets with fourteen tracks.

Second: Beginning at two points in the existing freight train double tracks in the southeasterly line of Berry street near Seventh street; thence in a northerly direction, on a curve to the right, crossing Berry street with two tracks, across the yards and property of the Southern Pacific Company to the southeasterly line of King street between Sixth and Seventh streets; thence northeasterly along King street; crossing Sixth and Fifth streets with two tracks; thence continuing along King street in a northeasterly direction, crossing Fourth street with three tracks, to the southwesterly line of Third street; also a cross-over track connecting the said tracks on King street with tracks on the property of the Southern Pacific Company in the block bounded by Berry, King, Third and Fourth streets, said cross-over extending in a southwesterly direction across King street from a point near Third street to a point in the southeasterly line of said King street approximately 300 feet southwesterly thereon from the southwesterly line of Third street; also a single or double track cross-over connecting the said tracks on King street with tracks on the property of the Southern Pacific Company in the block bounded by King, Berry, Sixth and Seventh streets, extending in a southerly direction across King street and Sixth street from a point approximately one hundred and seventy feet northeasterly from the northeasterly line of Sixth street to a point near the south corner of King and Sixth streets.

Third: Also tracks beginning at two points in the existing freight train double tracks in Channel street near Seventh street; thence in a northerly direction on a curve to the right into and across the yards and property of the Southern Pacific Company, crossing Berry street between Sixth and Seventh streets with five tracks; crossing Sixth street between Berry and King streets with eight tracks; crossing Fifth street between Berry and King streets with nine tracks; crossing Fourth street between Berry and King streets with eleven tracks. Also a single or double track crossover extending in a westerly direction across King street from a point in the southeasterly line thereof distant thereon approximately 190 feet southwesterly from the southwesterly line of Fourth street, to a point in the northwesterly line of King street approximately four hundred feet southwesterly from the southwesterly line of Fourth street.

Fourth: Also tracks beginning at two points in the existing freight train tracks near the intersection of Seventh and Channel streets; thence in a northerly direction on a curve to the right crossing Channel street with two tracks into and across the yards and property of the Southern Pacific Company; thence continuing in a northeasterly direction, crossing Sixth street between Berry and Channel streets, with seven tracks; Fifth street between Perry and Channel streets with seven tracks; Fourth street between Berry and Channel streets with seven tracks; thence into private property of said Southern Pacific Company.

Fifth: Also tracks beginning at three points in the existing tracks in private property at their intersection with the southerly line of Division street between Kansas street and Vermont street; thence northeasterly on a curve to the left crossing Division street with three tracks into and along Townsend street; thence northeasterly along Townsend street crossing Eighth street with three tracks, Seventh street with four tracks, Sixth street with two tracks, Fifth street with two tracks and Fourth street with one track into and upon the property of the Southern Pacific Company near the northerly corner of Fourth and Townsend streets.

Of the above described tracks on Townsend street one track shall be laid with the center line of track thirteen feet northwesterly from and parallel with the southeasterly line of Townsend street, and the other track shall be laid with the center line of track twenty-one feet six inches southeasterly from and parallel with the northwesterly line of Townsend street, between Eighth street and Fourth street, so that there shall be a distance of forty-eight feet between the center line of tracks; the City and County of San Francisco reserves the right to grant per-

mission to any company to lay down tracks or to construct a municipal railway in the strip left vacant between the tracks of the Southern Pacific Company on Townsend street at any time in the future, upon undertaking to keep said thirty-nine foot strip in repair.

Sixth: Also a single or double track beginning at a point in the last above mentioned tracks at or near the intersection of Division and Townsend streets; thence easterly on a curve to the right crossing Division street with one track; crossing Eighth street with two tracks, into and across the yards and property of the Southern Pacific Company crossing King street between Seventh and Division streets in an easterly direction with two tracks, crossing Berry street between Seventh and De Haro streets with two tracks; thence continuing in an easterly direction and connecting with the existing passenger train double tracks on Seventh street near its intersection with Channel street.

Seventh: Also upon and along Jewett street; and across any and all intervening streets, lanes, avenues, alleys, places and properties along the route of the tracks described in the foregoing paragraphs.

Section 2. The foregoing rights, privileges and easements are hereby granted upon the following terms, conditions and obligations all and each of which are hereby consented and agreed to by and on behalf of said Southern Pacific Company, its successors and assigns, viz.:

a. Fourth street and all other public streets mentioned herein shall remain open public streets subject to public use, except that Fourth street may be temporarily closed to permit the arrival and departure of trains at the depot at Third and Townsend streets when trains are too long to be accommodated in the space between such depot and Fourth street. A flagman shall always be stationed at Fourth and Townsend streets and at Fourth and King streets; and at such other street crossings as may hereafter be designated by the Board of Supervisors of the City and County of San Francisco.

b. A street is to be opened to public use, of the same width as Fourth street, distant one hundred eighty-seven and one-half feet southwesterly therefrom and parallel thereto to extend from Townsend to Berry street, and a flagman is to be stationed at either end thereof.

c. The Southern Pacific Company shall, when directed by the Board of Supervisors erect umbrella sheds across Fourth street paralleling its main line tracks, the same to be constructed so as to offer the least possible obstruction to traffic, and to be so constructed and maintained to the satisfaction of the Board of Public Works or such other department of the government of the City and County as may have control of its public streets.

d. The said Southern Pacific Company shall, within one year from the date of taking effect of this Ordinance, construct with approaches a steel frame passageway or viaduct sufficient to accommodate pedestrian traffic over the roadway of Fourth street from Townsend street to King street, elevated a distance to permit the passage of trains thereunder, such location and construction to be according to plans and specifications approved by the Board of Public Works and shall be maintained by said Southern Pacific Company to the satisfaction of said Board or other department of the government of the City and County having control of its public streets.

e. The grantee of this franchise, its successors and assigns, shall furnish and maintain such street lights in addition to those ordinarily maintained by the City as may be reasonably necessary upon and along those portions of the various streets in which the railroad tracks hereinabove described shall be constructed.

It shall be the duty of said Southern Pacific Company (in addition to the Charter requirements) to keep in repair the streets crossed by said tracks between Townsend and Channel streets, and from and including Fourth street to and including Sixth street (except that portion of Fourth street required to be kept in repair by the United Railroads of San Francisco); and also Eighth street between Townsend street and Division street; it being understood that this should

not apply to Berry street between Third street and the point midway between Sixth and Seventh streets.

f. The tracks of said Railway Company shall be laid flush with the level of the street wherever the same shall have been graded, so as to offer as little obstruction as practicable to the crossing thereof of vehicles; and it is provided further that nothing in this ordinance shall be construed so as to prevent the proper authorities of the said City and County of San Francisco from maintaining and exercising the same jurisdiction over the streets, and portions of streets, covered by this franchise which they are, or shall be, authorized hereafter by law to exercise over public streets in said City and County of San Francisco.

g. Said Southern Pacific Company, its successors or assigns, shall lay and maintain all the tracks of said railroad on Townsend street, and on all other streets on which such tracks run upon and along the same, flush with the surface of said streets, will rails of approved, grooved, girder type, where and when directed by the Board of Public Works, whenever the same is or shall be graded to the official grade and in such manner as to offer as little obstruction as practicable to the free use thereof by the public and by vehicles.

h. Upon a failure to fully observe the conditions herein imposed, after thirty days' written notice from the Board of Supervisors, all rights, privileges and easements herein granted shall cease and terminate.

i. Whenever so directed by the Board of Supervisors, said Southern Pacific Company, its successors or assigns, shall grade, curb and pave to official grade such of said streets or portions of said streets as may be legally required of it under the provisions of the Charter or the street improvement laws and that no objection shall be interposed by the said Southern Pacific Company, to such grading, curbing, paving or other work or improvement; and the said Southern Pacific Company, in consideration of this grant, hereby waives its right to object, as a property owner or otherwise, to the doing of any such grading, curbing, paving or other work or improvement, provided the Board of Supervisors gives the said Company six months' notice of its intention to require such grading, curbing, paving or other proposed improvement.

Section 3. In case the property of the grantee erected or maintained in the streets herein named shall ever be acquired or sought to be acquired by any governmental or public authority, no value on account of any right or privilege herein granted shall be claimed by or paid to the grantee, but all such rights and privileges shall pass to such governmental authority as successors in interest to said grantee subject to the conditions herein set forth; and no value shall attach to any right or privilege herein granted or be asserted or claimed by said grantee for rate fixing purposes.

Section 4. No right, privilege or easement herein granted shall be construed as an abrogation of the police powers of the City and County or as a relinquishment of such control over its streets and thoroughfares as may be necessary to be exercised at any time to promote the public safety and convenience, and all Ordinances now in effect or that may be hereafter enacted relating to the public streets shall be given full force and effect.

Section 5. The rights hereby granted are upon the express conditions prescribed in and by the Charter of the City and County of San Francisco, and especially in and by Subdivision 28 of Section 1, Chapter II, Article II, thereof. The character and general arrangement of all structures herein referred to, the materials of which they are to be built, and all work of whatsoever kind or character done under this franchise upon public streets or highways, shall be subject to the approval of the Board of Public Works of said City and County of San Francisco, except to the extent that such authority is vested in the Railroad Commission of California.

Section 6. This franchise shall be accepted by a resolution of the Board of Directors of said Southern Pacific Company, and filed in the office of the

Clerk of the Supervisors before any right under this Ordinance shall be exercised.

Section 7. This Ordinance shall go into effect upon the expiration of sixty days from the date it becomes final either (a) by approval of the Mayor, (b) without his approval by the expiration of the time prescribed by the Charter of the City and County of San Francisco within which the Mayor may disapprove it, or (c) by its passage by the Board of Supervisors over the objections of the Mayor in the event of such disapproval.

In connection with the passage of the foregoing ordinances certain stipulations were made between the Southern Pacific Company and the City and County which were expressed in the following resolutions:

RESOLUTION NO. 10721. (New Series.)

RESOLVED, That the Mayor is hereby authorized to enter into an agreement with the Southern Pacific Company whereby said Southern Pacific Company agrees to execute a deed conveying to the City and County of San Francisco certain portions of a private way known as the Bernal Cut occupied by the said Company, said agreement providing for certain obligations to be assumed by the City and County of San Francisco, in connection therewith. Said deed provided for in such agreement to be placed in escrow, to be delivered to the Mayor upon the acceptance by the Southern Pacific Company of a certain franchise this day passed to print.

Adopted—Board of Supervisors, San Francisco, March 2, 1914.

RESOLUTION NO. 10752. (New Series.)

WHEREAS, Bill No. 2760, Ordinance No. 2683, granting a certain franchise to the Southern Pacific Company, a railroad corporation, has this day been passed by the Board of Supervisors of the City and County of San Francisco, State of California, and,

WHEREAS, As one of the considerations mentioned in the said franchise are certain requirements for the performance of street work by said Southern Pacific Company set forth in Subdivision "i" of Section 2 of said Bill and Ordinance, and,

WHEREAS, Under said provisions said Southern Pacific Company might be required forthwith to regrade Townsend street; and,

WHEREAS, It is desirous to permit said Southern Pacific Company to put down its tracks upon the present grade of said Townsend street at this time if so desired by said Company.

NOW THEREFORE BE IT RESOLVED, That the Board of Supervisors of the City and County of San Francisco, State of California, hereby declares that it is the intention of said Board, and the authorities of said City and County of San Francisco, not to require the regrading of said Townsend street under said provisions of said franchise until after five years from the date of said franchise.

Adopted—Board of Supervisors, San Francisco, March 23, 1914.

There was an attempt to invoke the referendum on this ordinance, but failed on account of insufficiency of signatures to the petition. See Journal of Proceedings, page 628.

Summary of Municipal Events

In addition to the matters set out in the appendix to this volume a further record of the activity of the municipal departments may be summarized as follows:

TWIN PEAKS TUNNEL.

On July 28, 1913, the Board of Public Works filed its report covering the plan of construction of the Twin Peaks Ridge Tunnel, the estimated cost of which was $3,994,289.23. Accompanying the report was given the boundaries of the district and the amount of the assessment imposed against each parcel of land therein. The report consisted of 127 pages of typewritten matter, 71 pages of maps and 47 sheets of detailed drawings. There were 16,189 separate assessments. A force in the City Engineer's office labored upon this report for more than a year. For a summary of the report see Municipal Record, Volume VI, No. 31, July 31, 1913.

FILLMORE STREET TUNNEL.

A voluminous report covering the proposed construction of a tunnel in Fillmore street was filed by the City Engineer early in September. The estimated cost was $2,914,002.87. Subsequently the proceedings were abandoned.

CITY HALL CONSTRUCTION.

The cornerstone of the new building was laid with appropriate ceremonies on October 25, 1913. (See Municipal Record of Oct. 30.)

Rapid progress was made in the construction of the City Hall during the year. Nearly all of the land required for the civic center was acquired. Monthly progress reports can be found in the Municipal Record. Reference for detailed information is made to the Report of the Board of Public Works in this Volume. When the structure is fully completed a complete history thereof will be published in these reports.

MUNICIPAL OPERA HOUSE.

On November 10, 1913, the Board of Supervisors passed Ordinance No. 2508 (New Series) accepting an offer of $850,000 for a Municipal Opera House in the Civic Center tendered by the Musical Association of San Francisco. On November 20, the Mayor returned the ordinance without his approval. The message giving his reasons for withholding his signature to the measure can be found in the Journal of Proceedings of November 24, and also in the Municipal Record of November 27, 1913. The veto was sustained on December 20, 1913.

HETCH HETCHY MATTERS.

On December 11, 1913, received news from Washington that Congress had passed an act granting to the City of San Francisco rights to construct water storage reservoirs in the Hetch Hetchy and other privileges. A delegation of city officials consisting of Mayor Rolph, Supervisor Alexander Vogelsang, City Engineer M. M. O'Shaughnessy, City Attorney Percy V. Long and Clerk of the Board of Supervisors, John S. Dunnigan, had been at Washington for several weeks working assiduously for this project. The news was received

with enthusiasm and the return of the delegation on December 23 was observed by a fitting reception. A history of this achievement and a detailed report covering the work of securing the Hetch Hetchy Water Supply is in preparation and will be published in the next Volume of these reports.

REMOVAL OF CEMETERIES.

On January 6, 1914, the Board of Supervisors passed Ordinance No. 2597, providing for the removal of all human remains in the cemeteries within the city. On January 17, the Mayor approved the ordinance and submitted a message setting forth the reasons for his approval. At the same time he announced his intention of availing himself of the right to submit the ordinance to a vote of the people for their approval or rejection. Accordingly the ordinance was submitted at the election on November 3, and was decisively defeated and subsequently the Supervisors repealed the ordinance. For a copy of the ordinance and Mayor's message see Municipal Record of Jan. 22, 1914.

IMPORTANT REPORT.

Early in 1913, the City Engineer filed with the Board of Supervisors a "Report on the Underground Water Supply of San Francisco." It was a voluminous report and the result of an exhaustive examination of the subject. It was published and copies may be obtained at the Clerk's office at a price of fifty cents.

Report of Stationery Department

REPORT OF STATIONERY DEPARTMENT OF THE BOARD OF SUPERVISORS FOR THE FISCAL YEAR 1913-1914.

San Francisco, August 4, 1914.

To the Honorable,
The Board of Supervisors of the City and County of San Francisco.

Gentlemen:—I respectfully submit the following report of the amount expended for stationery, printing, books, postage stamps, directories, rebinding books, and other supplies delivered to the various departments of the city government from the Stationery Department of the Board of Supervisors during the fiscal year 1913-1914. Also, a statement showing the conditions of the various funds of this department on July 1, 1914.

Department—	Stationery Printing and Books.	Postage Stamps and Postals.	City Directories.	Lettering and Rebinding Books.	Total.
Relief Home for Aged and Infirm	$ 315.44	$ 104.00	$ 6.00	$	$ 425.44
Auditor	2,840.16	183.00	12.00		3,035.16
Board of Public Works	5,141.97	734.00	36.00	11.00	5,922.97
Board of Health	2,480.01	876.00	12.00		3,368.01
Board of Supervisors	1,837.52	441.38	6.00		2,284.90
County Clerk	3,557.26	234.50	18.00	17.00	3,826.76
Coroner	244.22	30.00	6.00		280.22
Civil Service Commission	1,306.78	260.00	6.00		1,572.78
City Attorney	265.81	196.50	12.00		474.31
City and County Hospital	564.45	40.00	6.00		610.45
Department of Electricity	666.68	12.00	6.00		684.68
District Attorney	726.86	147.00	12.00		885.86
Emergency Hospital	597.64	36.00	6.00		639.64
Fire Department	1,202.77	116.00	12.00		1,330.77
Fire Marshal	19.71		6.00		25.71
Justices' Court	722.86	147.75	6.00		876.61
Law Library	131.45	10.00	6.00		147.45
Police Department	4,709.63	360.00	222.00	59.50	5,351.13
Police Courts (four departments)	91.07	28.00	24.00		143.07
Recorder	1,934.30	110.00	12.00	234.15	2,290.45
Sheriff	1,124.26	275.00	6.00		1,405.26
Superior Courts (sixteen departments)	611.19	327.82	96.00	39.12	1,074.13
Treasurer	854.23	70.00	6.00		930.23
Tax Collector	2,558.09	372.70	18.00		2,948.79
Mayor	231.79	210.75	12.00		454.54
Probation Officer	839.47	125.00	12.00		976.47
Secretary Superior Court	411.45	45.00	6.00		462.45
Grand Jury	9.31	5.00			14.31
Isolation Hospital	91.22	16.00			107.22
Playground Commission	30.08	60.00			90.08
Board of Censorship	4.05	10.00			14.05
Detention Home	5.50	5.00			10.50
Tuberculosis Hospital	255.17	15.00			270.17
Sealer of Weights and Measures	187.43	14.00			201.43
	$36,569.83	$ 5,617.40	$ 588.00	$ 360.77	$43,136.00
Assessor (special appropriation)	4,262.61	1,200	36.00		5,498.61
Total Amount Delivered	$40,832.44	$ 6,817.40	$ 624.00	$ 360.77	$48,634.61

SPECIAL APPROPRIATIONS.

	Appropriations	Amount Expended	Balance
Stationery, Printing and Books, including Postage Stamps and Postals	$44,000.00	$42,425.01	$1,574.99
Assessor: Stationery, Printing Books, Postage Stamps and Directories	5,500.00	5,498.61	1.39
City Directories	600.00	588.00	12.00
Lettering and Rebinding Books	500.00	360.77	139.23
	$50,600.00	$48,872.39	$1,727.61

SUMMARY.

Total value of good received during the year	$48,872.39
Amount of stock on hand July 1, 1913	56.36
Total to be accounted for	$48,928.75
Total value of goods delivered from July 1, 1913, to June 30, 1914	48,634.61
Value of stock on hand July 1, 1914	$ 294.14
Balance due to credit of various funds July 1, 1914	$ 1,727.61
Value of stock on hand	294.14
Total	$ 2,021.75

Respectfully submitted,

JOHN S. DUNNIGAN, Clerk.

By JOHN F. FINN,
Assistant Clerk.